



Amoco Production Company

June 13, 1985

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Re: Anschutz W19-08 Well located in the
SE/4 NE/4, Sec. 19, T4N, R8E,
Summit County, Utah
Anschutz W30-06A Well located in the
NE/4 SW/4, Sec. 30, T4N, R8E,
Summit County, Utah

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DIVISION OF OIL
GAS & MINING

Enclosed please find two Applications for Permit to Drill
for the above referenced wells.

Water Wells for each of the oil/gas wells have been applied
for from the Utah State Engineers Office.

If further information is needed please contact Karen Gollmer
of this office at (307) 7891-700 x 2206.

Thank you,

Louis F. Lozzie
Administrative Supervisor

kg/

attachments

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

See

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☐Gas
Well ☒

Other

Single
Zone ☒Multiple
Zone ☐

2. Name of Operator

AMOCO PRODUCTION COMPANY

3. Address of Operator

P. O. BOX 829, EVANSTON, WYOMING 82930

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

276' FEL & 2283' FNL Sec. 19

SE/NE

At proposed prod. zone

175' FEL & 2500' FNL 200' radius circle at Nugget Top

14. Distance in miles and direction from nearest town or post office*

South of Evanston approx. 25 miles

12. County or Parrish 13. State

Summit

Utah

15. Distance from proposed*

location to nearest

property or lease line, ft.

(Also to nearest drlg. line, if any)

175'

16. No. of acres in lease

17. No. of acres assigned
to this well

160

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

1200'

19. Proposed depth

14,180'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7460' Ungraded GR

22. Approx. date work will start*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94	200'	To surface
17 1/2"	13 3/8"	61,68	5260'	To surface
12 1/4"	9 5/8"x10 5/8"	47,53.5,102	11760'	TD - 10500'
8 1/2"	7"	32	14180'	TD - 10500

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: *6/24/85*BY: *John R. Bayne*WELL SPACING: *A-3 Unit well*

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DIVISION OF OIL
GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

John R. Bayne

Title District Drilling Engineer

Date 6/11/85

(This space for Federal or State office use)

Permit No.

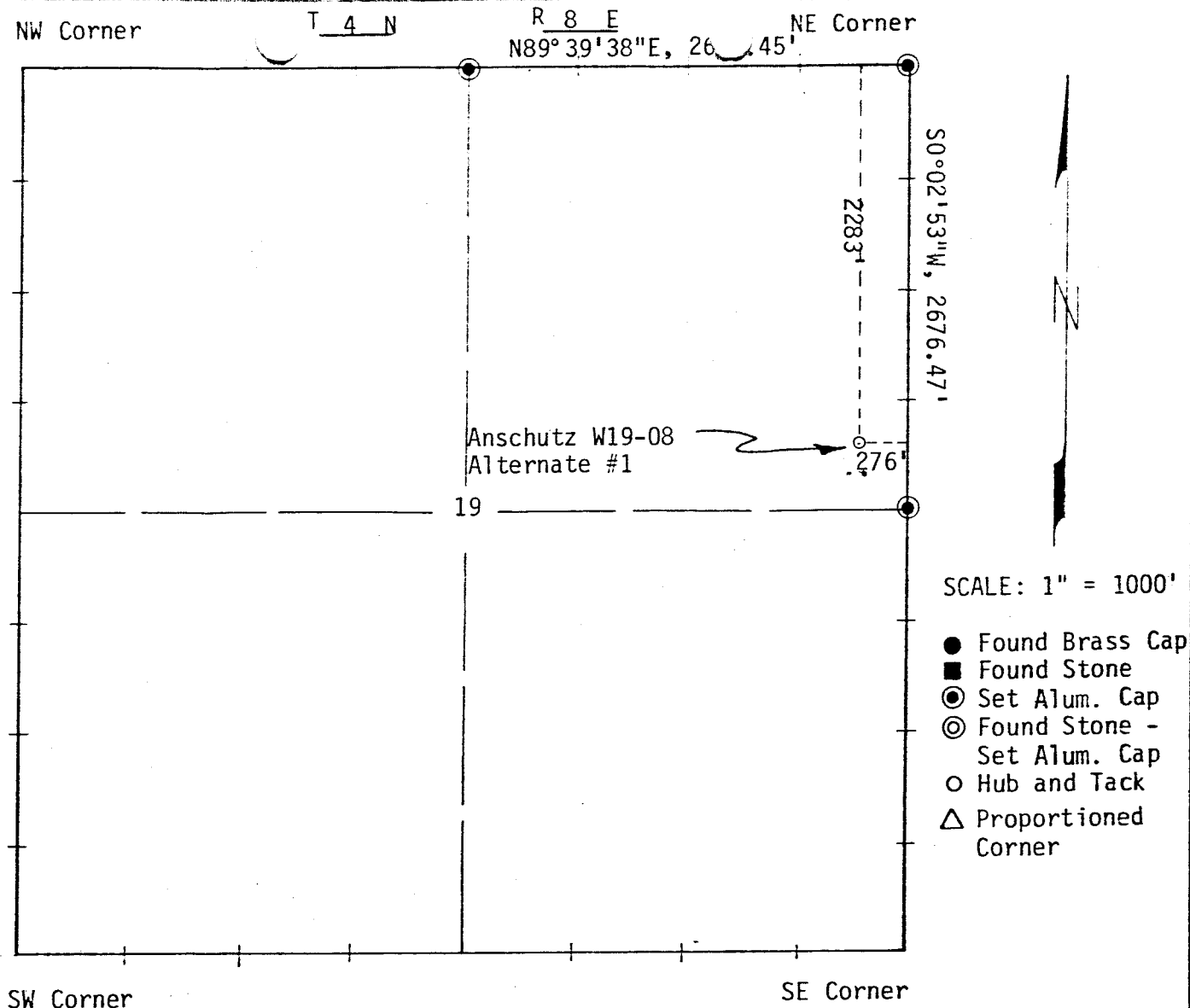
Approval Date

Approved by

Title

Date

Conditions of approval, if any:




I, John A. Proffit, of Evanston, Wyoming certify that in accordance with a request from John Eckhart of Evanston, Wyoming, for Amoco Production Company, I made a survey on the 3rd day of June, 1985 for Location and Elevation of the Anschutz W19-08 (Alternate #1) as shown on the above map, the wellsite is in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 19, Township 4 North, Range 8 East of the Salt Lake Base & Meridian, Summit, County, State of Utah, Elevation is 7472' Feet to top of hub Datum Mean Sea Level based on 3-Dimensional Control Network tied to USC & GS Benchmarks

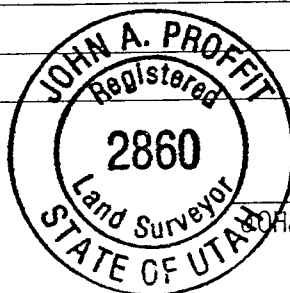
Reference point _____

Reference point _____

Reference point _____

Reference point _____





BOOK: 443
DATE: June 4, 1985
JOB NO.: 85-10-30

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

JOHN A. PROFFIT, UTAH R.L.S. NO. 2860

10-Point Drilling Program

AN W19-08

- 1) Geologic name of the surface formation: Wasatch
- 2) Estimated tops of geological markers:

<u>Formation</u>	<u>Depth</u>
Frontier	3,460'
Aspen	5,160'
Bear River	5,540'
Gannet	6,985'
Preuss	10,020'
Salt	11,085'
Twin Creek	11,660'
Nugget*	13,510'
Total Depth	14,180'

- 3) Anticipated depths to encounter water, oil, gas or other mineral-bearing formations:

<u>Substances</u>	<u>Depth</u>
Oil Gas, Water	13,510'

- 4) Casing Program:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>Cementing Depth</u>
26"	20"	94	K55	STC	200'
17 1/2"	13 3/8"	61.68	S80	STC	5260'
12 1/4"	9 5/8"	47,53.5,102	H95-P110	LTC & X-Line	11760'
8 1/2"	7"	32	N80	LTC	14180'

13 3/8" casing will be cemented from setting depth to surface

- 5) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. After running surface casing and prior to drilling out, the BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. BOPs will be tested every 30-day interval and after every string of casing is run. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

6) Mud Program:

<u>Interval</u>	<u>Type Mud</u>	<u>Wt #/gal</u>	<u>Viscosity</u>	<u>WL CC/30M</u>
0-5260'	Spud Mud	Minimum weight and viscosity to maintain a stable well-bore		
5260'-11760'	Oil	"	"	"
11760'-14180'	LSND	8.6-8.7		

7) Auxiliary Equipment:

Kelly cock; sub with full opening valve 3" choke manifold with remote control choke; monitor system on pit level, audio and visual; mudlogger (2-man type) w/chromatograph.....

8) Testing Program:

DST None

Logging Program:

DIL-GR	Base of surface casing to TD
Long Spaced Sonic-GR	Base of surface casing to TD
FDC-CNL-GR-Cal	Top of Nugget to TD
HDT Dipmeter (SHDT in 17 1/2")	Base of surface casing to TD

Coring Program:

600' of oriented Nugget Core

9) No abnormal pressures or temperatures are anticipated.

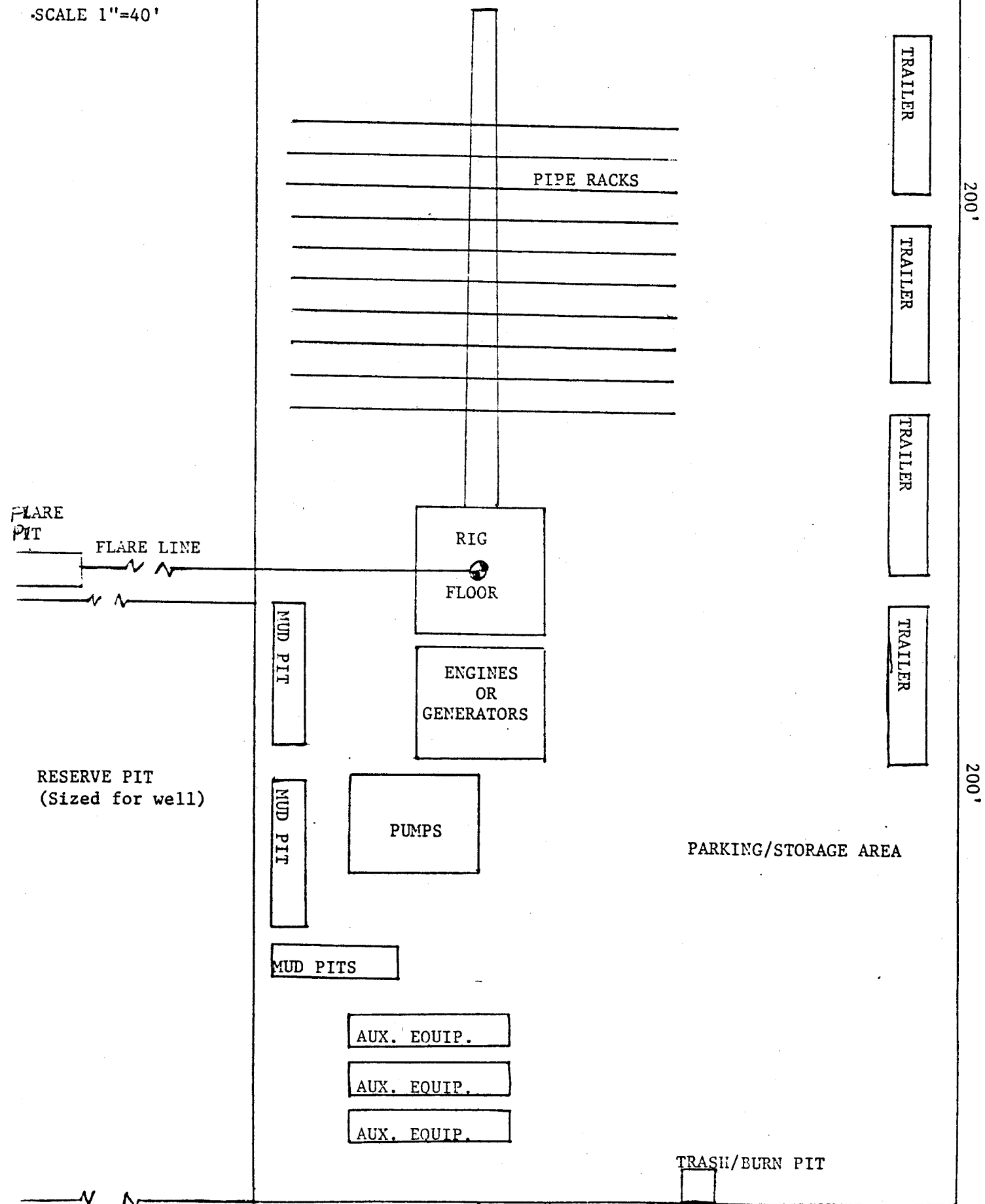
10) Anticipated starting date will be when approved and the duration of drilling operations will be approximately 150 days.

70'

150'

TYPICAL LOCATION/RIG LAYOUT

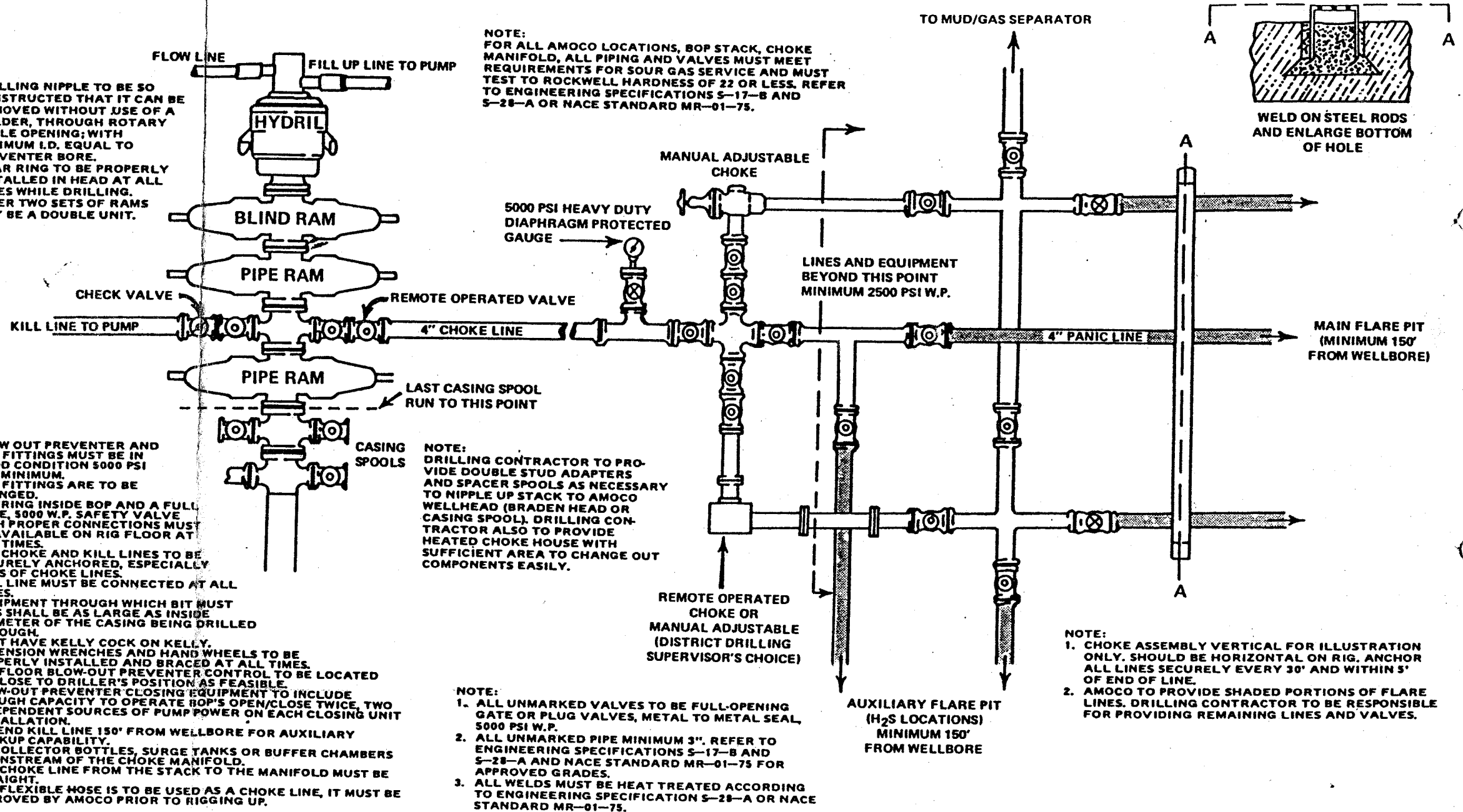
SCALE 1"=40'



MINIMUM BLOW-OUT PREVENTER REQUIREMENTS 5,000 psi W.P.

NOTE:

1. DRILLING NIPPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING; WITH MINIMUM I.D. EQUAL TO PREVENTER BORE.
2. WEAR RING TO BE PROPERLY INSTALLED IN HEAD AT ALL TIMES WHILE DRILLING.
3. UPPER TWO SETS OF RAMS MAY BE A DOUBLE UNIT.



OPERATOR Amoco Production Co. DATE 6-18-85

WELL NAME Unschutz Ranch East Unit W 19-08
(BHL) SEC SE NE 19 T 4N R 8E COUNTY Summit

43-043-30272
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Unit Well

Need water permit

APPROVAL LETTER:

SPACING:



A-3

Unschutz Ranch East
UNIT



c-3-a

CAUSE NO. & DATE



c-3-b



c-3-c

STIPULATIONS:

1 - Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 24, 1985

Amoco Production Company
P. O. Box 829
Evanston, Wyoming 82930

Gentlemen:

Re: Well No. Anschutz Ranch East Unit W19-08 - SE NE Sec. 19, T. 4N, R. 8E
(Surf.) 2285' FNL, 276' FEL (BHL) 2500' FNL, 175' FEL
Summit County, Utah

Approval to drill the above referenced gas well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

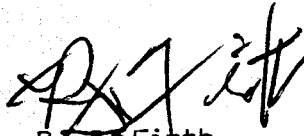
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Amoco Production Company
Well No. Anschutz Ranch East W19-08
June 24, 1985

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30272.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth', is written over the typed name.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures

w/ 21-1540
(T60961)

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-043-30272

NAME OF COMPANY: AMOCO PRODUCTION COMPANY

WELL NAME: ANSCHUTZ RANCH EAST W-19-08

SECTION SE NE 19 TOWNSHIP 4N RANGE 8E COUNTY Summit

DRILLING CONTRACTOR Manning

RIG # 33

SPODDED: DATE 7-20-85

TIME 8:00 AM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY

TELEPHONE #

DATE 7-21-85 SIGNED RJF

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE/4 NE/4 Sec. 19, 301' FEL & 2227' FNL		8. FARM OR LEASE NAME W19-08	
14. PERMIT NO. 43-043-30272		9. WELL NO. W19-08	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7465' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T4N, R8E	
		12. COUNTY OR PARISH Summit	13. STATE UT

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JUL 25 1985

DIVISION OF OIL
& MINING

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐

Spud Date

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note that the above referenced well was spud on July 20, 1985
at 10:00 a.m.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr Drilling Eng. Supervisor DATE 7/22/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SENE Sec. 19, 301' FEL & 2227' FNL		8. FARM OR LEASE NAME W19-08
14. PERMIT NO. 43-043-30272		9. WELL NO. W19-08
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7465' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 19, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u>	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Date: 7/31/85

Total Depth: 3,400'

Contractor: Manning #33

Spud Date: 7/20/85

Drilling Ahead w/17.500" Bit

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr Drilling Eng. Supervisor DATE 7/31/85

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

W19-08

9. WELL NO.

W19-08

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 19, T4N, R8E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SENE Sec. 19, 301' FEL & 2227' FNL

14. PERMIT NO.

43-043-30272

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

7465' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐Report of Operations
(Other)REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: 8/30/85

Total Depth: 8320'

Contractor: Manning 33

Spud Date: 7/20/85

Drilling Ahead: 12.250" Bit

18. I hereby certify that the foregoing is true and correct

SIGNED

Louis F. Pizzu

TITLE

Administrative Supervisor

DATE

8/30/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

SEP 09 1985

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE)..... 8-12-85

OIL CO.: Amoco

WELL NAME & NUMBER..... ARE W-1908

SECTION..... 19

TOWNSHIP..... 4-N

RANGE..... 8-E

COUNTY..... Summit, Utah

DRILLING CONTRACTOR..... MANNING # 33

INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: DOUBLE "D" ENTERPRISES, INC.
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Bill Fultz DON Keamey

RIG TOOL PUSHER..... Glen Bate man

TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST: Utah Oil & Gas

COPIES OF THIS TEST REPORT SENT COPIES TO: U.O.G.

..... Amoco Site Rep

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

No 3373

Date 8-12-85
Operator Amoco Contractor Manning Rig No. 33
Ordered By Don Keeney Lease ARE-W Well No. 1908
County Summit, Utah Section _____ Township _____ Range _____

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	<u>N/A</u>	<u>N/A</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Bottom Pipe Rams			<u>3000</u>		<u>OK</u>
Blind Rams			<u>3000</u>		<u>OK</u>
Annular B.O.P.			<u>1500</u>		<u>Worked twice OK</u>
Choke Manifold			<u>3000</u>		<u>OK</u>
Choke Line			<u>3000</u>		<u>OK</u>
Kill Line			<u>3000</u>		<u>Surged check OK</u>
Super Choke			<u>NA</u>		
Upper Kelly			<u>3000</u>		<u>OK</u>
Lower Kelly			<u>N/A</u>		
<u>Both</u> Floor Valves			<u>3000</u>		<u>OK</u>
Dart Valve			<u>3000</u>		<u>Worked - OK</u>

Closing Unit Psi 2500 Closing Time of Rams 5 sec Closing Time of Hydril 26 sec.
Closed Casing Head Valve yes Set Wear Sleeve yes
Comments Drained choke - Kill lines & manifold

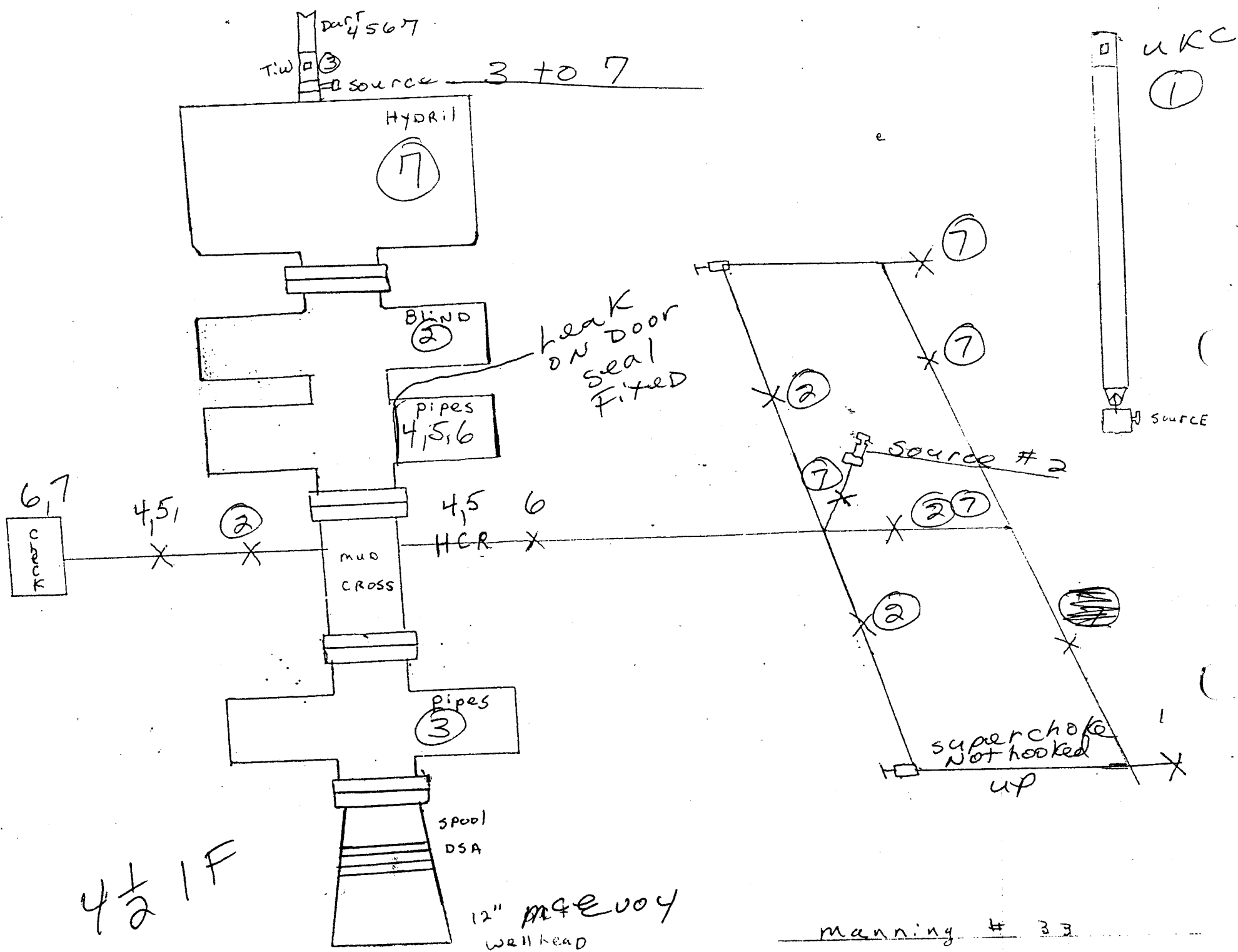
COMPANY

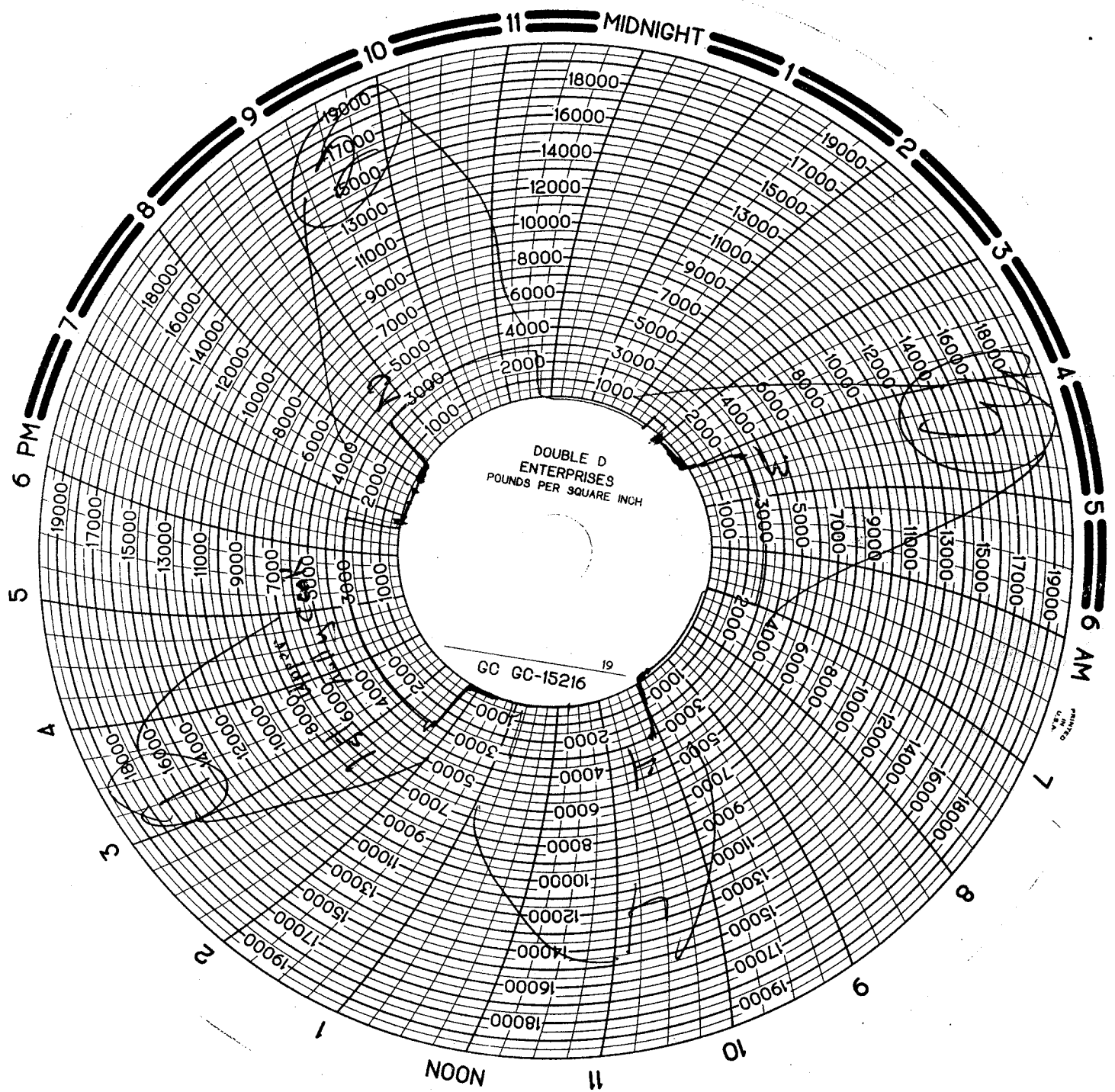
LEASE AND WELL NAME #

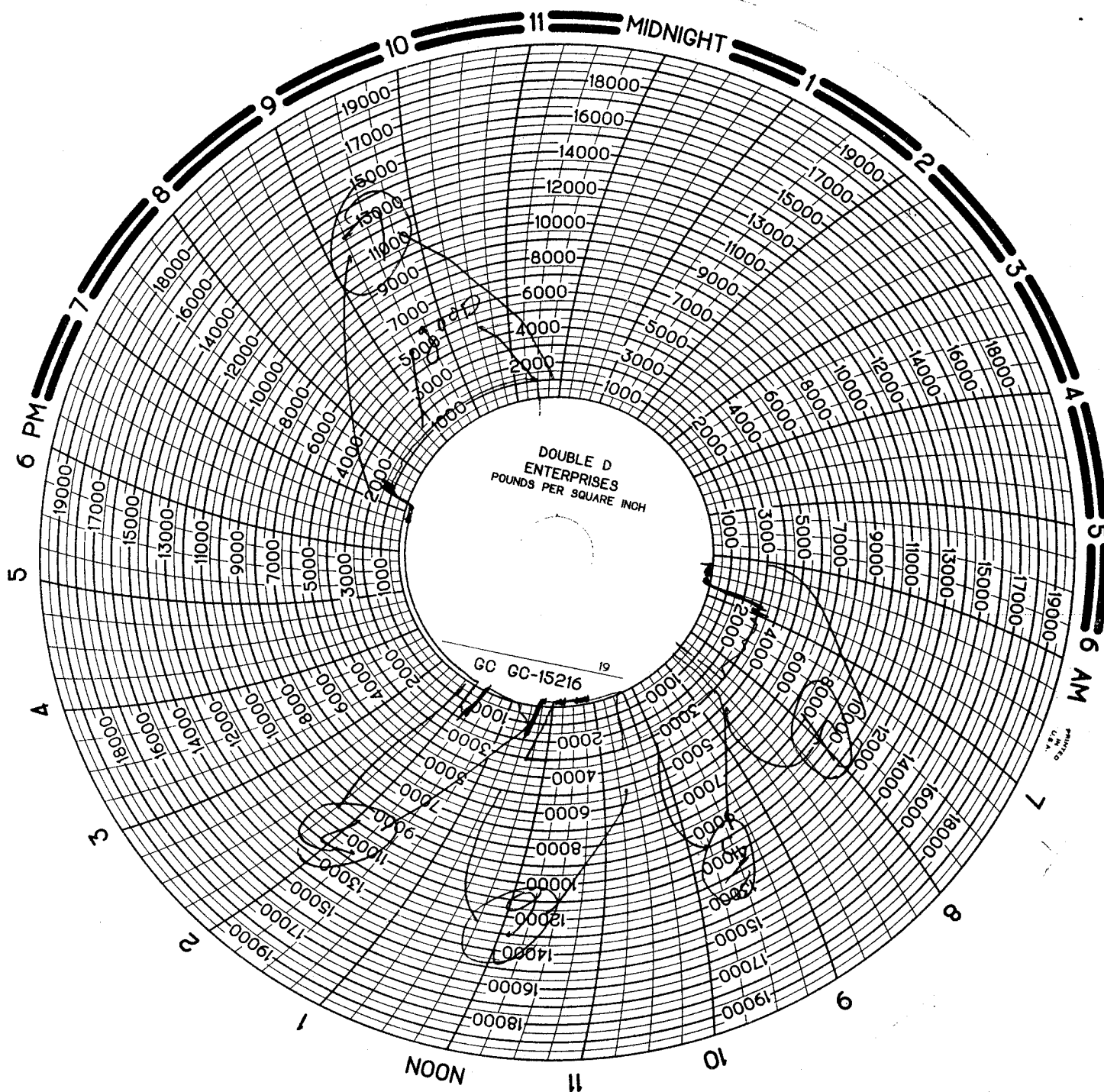
DATE OF TEST

RIG # AND NAME

TEST #	TIME	
	7 PM	arrive on location
	7-9 ⁰⁰	Weld on head let cool & test get ring groove cleaned Rig up tools line up Balts
	9-1 ³⁰	Stack on & nipple up BOPs. Help Driller Kelly up & pick up joint & Rig at TiW & Dart & test tools while rough necks hook up Koomex lines.
①	1 ³⁰ -1 ⁴⁵ 1 ⁴⁵	Test Kelly 3000 15 min OK While testing Kelly run plug & fill stack
②	1 ⁴⁵ -2 ⁰⁰	Blinds 1st 3 manifold valves 1st valve on kill line 3000 15 min OK
③	2-2 ³⁰	Run joint switch valves & hoses Test lower pipes & TiW 3000 15 min OK
④	2 ²⁰ -3 ⁰⁰	Test attempt on ^{upper} pipes & Dart & HCR & 2nd kill line valve leak on pipe ram door tighten door
⑤	3 ⁰⁰ -3 ¹⁵	Test same 3000 15 min OK
⑥	3 ¹⁵ -3 ³⁵	Switch valve test upper pipes V valve Dart manual ON choke line 3000 15 min OK
⑦	3 ³⁵ -4 ⁰⁰	Switch valves close Hydril open pipes switch valves test attempt ON Hydril V valve riser Dart & DOWN stream manifold valve leak BY Dart work Dart leak BY Hydril work on accumulator Test same 1500 15 min OK
	4 ⁰⁰ -5 ⁰⁰	Rig DOWN tools Kelly Back Rig up & set wear ring spool up load truck







STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: ANSCHUTZ RANCH EAST 19-08

SECTION: 19 TOWNSHIP 4N RANGE 8E COUNTY: Summit

DRILLING CONTRACTOR: _____

RIG # _____

BOP TEST: DATE: 9-11-85

TIME: 12:00 Midnight

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: John

TELEPHONE NO. 307-789-1700

DATE: 9-11-85 SIGNED AS

DOUBLE "D" ENTERPRISES

RECEIVED

B.O.P. Test Report

SEP 18 1985

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 9-12-85

OIL CO.: Amoco

WELL NAME & NUMBER A.R.E. W-1908

SECTION 19

TOWNSHIP 4-N

RANGE 8-E

COUNTY Summit, Utah

DRILLING CONTRACTOR Manning #33

INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: DOUBLE "D" ENTERPRISES, INC.
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE John

RIG TOOL PUSHER Glen

TESTED OUT OF Evanston

NOTIFIED PRIOR TO TEST: Utah O&G

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah O&G

Amoco Site Rep

ORIGINAL CHART & TEST REPORT ON FILE AT: EVANSTON OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

No 3820

Date 9-12-85
Operator Amoco Contractor Manning Rig No. # 33
Ordered By John A. Lease A.R.E. Well No. W-1908
County Summit Section 19 Township 4-N Range 8-E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Bottom Pipe Rams	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Blind Rams	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Annular B.O.P.	<u>300</u>	<u>5 min</u>	<u>1500</u>	<u>15 min</u>	<u>worked & raised C.P.</u>
Choke Manifold	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Choke Line	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Kill Line	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Super Choke	<u>NO</u>	<u>TEST</u>	<u>NO</u>	<u>TEST</u>	<u>swaco will Repair</u>
Upper Kelly	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Lower Kelly	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Floor Valve	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Dart Valve	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
T.W.	<u>300</u>	<u>5 min</u>	<u>3000</u>	<u>15 min</u>	<u>OK</u>
Closing Unit Psi	<u>2800</u>	Closing Time of Rams	<u>6 sec.</u>	Closing Time of Hydril	<u>16 sec.</u>
Closed Casing Head Valve	<u>yes</u>	Set Wear Sleeve	<u>yes</u>		
Comments	<u>Rig Crews Excellent help</u>				

ST# TIME

5⁰⁰ AM Arrived on location
Rig inspecting & changing
Bottom Hole assembly
& inspecting Kelly & Bales
ect.

5-12³⁰ PM Inspecting - During this
time I unloaded truck
& rigged up & tested

① → First 3 manifold valves
300 5 min 3000 15 OK

② → 2nd 2 manifold valves 300
5 min 3000 15 min OK

③ → Test Attempts on super-
choke - NO test called SWACO
to tear apart

④ 12³⁰ / 1¹⁰ Kelly up & rig up test sub
→ Tested upper Kelly while
pulling wear ring & rigging
up valves & test tools
Running Plug & Filling
Stack

⑤ 1³⁰ / 1⁵⁰ Blinds & manifold valves
on test # 1 & 1st valve
on Kill line 300 5 min 3000
15 min OK

1⁵⁰ / 2³⁰ Run joint Had hard time
getting into Plug change
out joint & tools

⑥ 2³⁰ / 2⁵⁰ Lower pipes & 1st TiW
300 5 min 3000 15 OK

⑦ 2⁵⁰ / 3¹⁵ Change Rams & valves
Test upper pipes 2nd valve
on Kill line 2nd TiW
HCR 300 5 min 3000 15 OK

⑧ 3¹⁵ / 3³⁵ Upper pipes Dart check
HCR 300 5 min 3000 15 OK

COMPANY

LEASE #

WELL NAME #

DATE

TEST

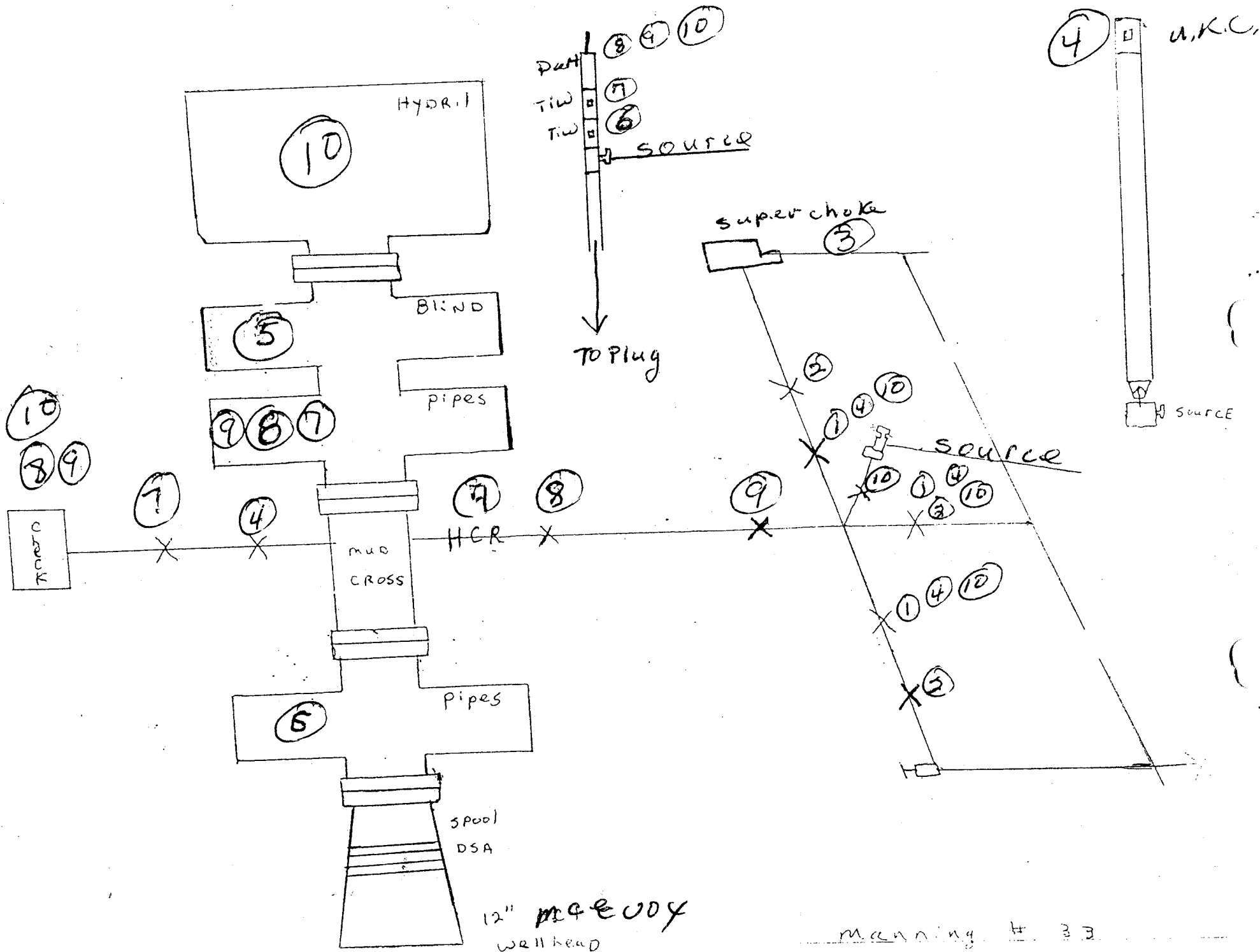
RIG # AND NAME

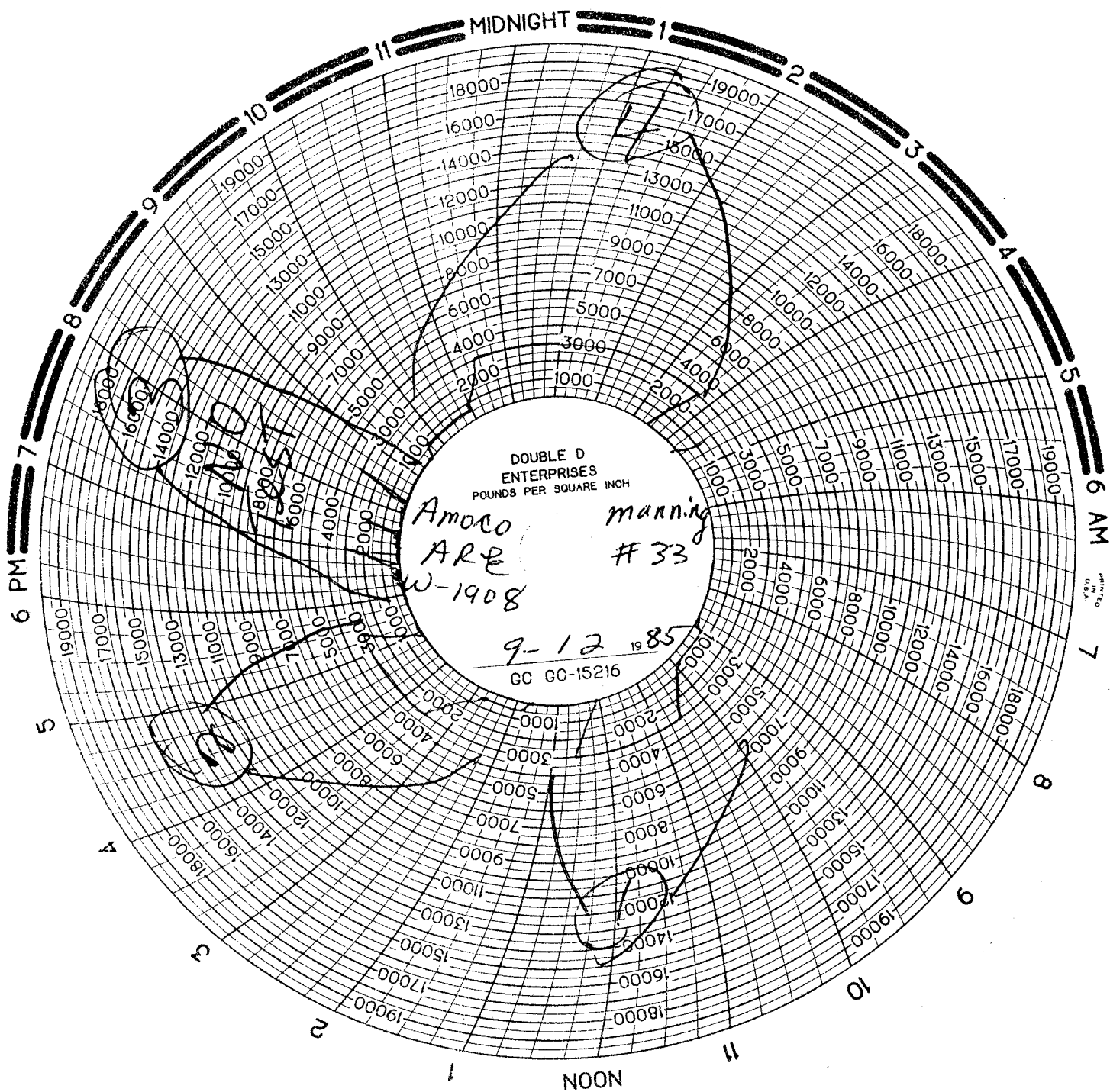
EST # TIME

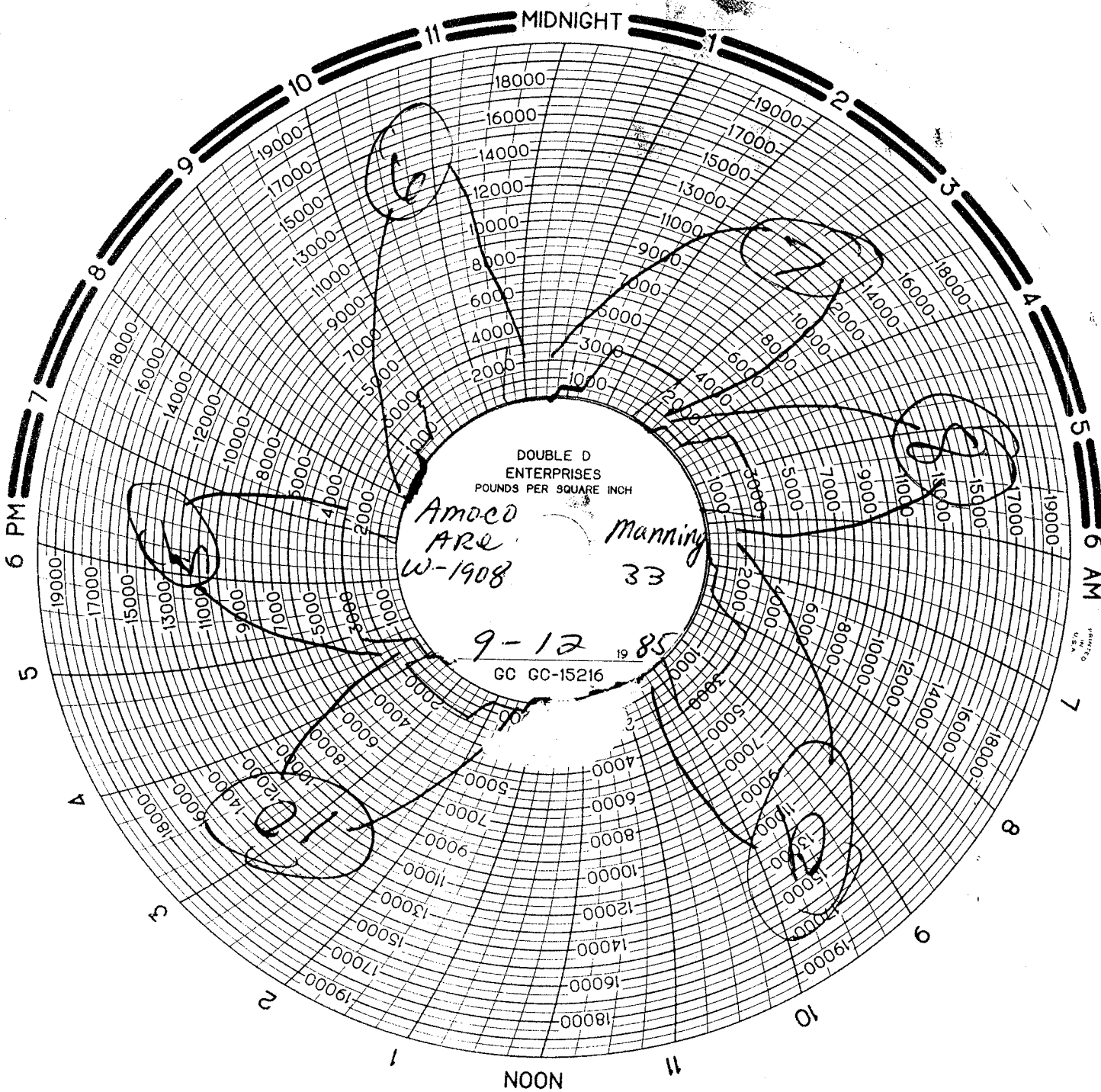
⑨ 3³⁵ - 3⁵⁵ Upper pipes Dart check
3RD valve on choke line
300 5 min 3000 15 OK

⑩ 3⁵⁵ - 4³⁰ Close Hydril open pipes
Test attempt on Hydril
Raise closing pressure
to 1500 on annular
Test Hydril Dart check
Riser & First 3 manifold
valves 300 5 min 1500
15 min OK

4³⁰ - 5⁰⁰ Pull Plug rig Down tools
Rig up & set wear ring
Rig Down tools spool Up
& LOAD truck







BLOW OUT PREVENTION TEST

NAME OF COMPANY: Ammoco
WELL NAME: Anchitz Ranch East W 1908
SECTION: 19 TOWNSHIP 4N RANGE 8E COUNTY: Summit
DRILLING CONTRACTOR: R. L. Manning
RIG # 33
BOP TEST: DATE: 10/16/85
TIME: 3:00 p.
DRILLING: 10,938
CASING: 13 3/4 @ 5304
H₂S:

REPORTED BY: Bill Foltz
TELEPHONE NO. 307-789-1718 ext 486
DATE: 10-16-85 SIGNED W^m Moore

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SENE Sec. 19, 301' FEL & 2227' FNL		8. FARM OR LEASE NAME W19-08	
		9. WELL NO. W19-08	
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 19, T4N, R8E	
14. PERMIT NO. 43-043-30272	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7465' GR	12. COUNTY OR PARISH Summit	13. STATE Utah

RECEIVED

OCT 24 1985

DIVISION OF OIL
& GAS MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

Report of Operations

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: 10/22/85

Total Depth: 10,443'

Contractor: Manning 33

Spud Date: 07/20/85

Drilling Ahead: 12,250" Bit

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

TITLE

Administrative Supervisor

DATE

10/22/85

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

OCT 28 1985

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 10-16-85

OIL CO.: Amoco

WELL NAME & NUMBER A.R.E. W-1908

SECTION 19

TOWNSHIP 4-N

RANGE 8-E

COUNTY Summit, Utah

DRILLING CONTRACTOR Manning # 33

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Bill Fultz

RIG TOOL PUSHER Elmer

TESTED OUT OF Evanston

NOTIFIED PRIOR TO TEST: Utah O & G.

COPIES OF THIS TEST REPORT SENT COPIES TO: Utah O & G.
Amoco Site Rep.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

No 3828

Date 10-16-85
Operator Amoco Contractor Manning Rig No. #33
Ordered By Bill Fultz Lease A.R.E. Well No. W-1908
County Summit Section 19 Township 4-N Range 8-E

Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Bottom Pipe Rams	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Blind Rams	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Annular B.O.P.	<u>300</u>	<u>5 min.</u>	<u>1500</u>	<u>15 min.</u>	<u>O.K.</u>
Choke Manifold	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Choke Line	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Kill Line	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Super Choke	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Upper Kelly	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Lower Kelly or Floor	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Floor Valve	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Dart Valve	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>
Mud Saver Flapper Valve	<u>300</u>	<u>5 min.</u>	<u>3000</u>	<u>15 min.</u>	<u>O.K.</u>

Closing Unit Psi 2800 PSI Closing Time of Rams 6 Sec. Closing Time of Hydril 14 Sec.

Closed Casing Head Valve Yes Set Wear Sleeve Yes

Comments Fill Choke Line & Manifold w/ Methanol
(Mud Saver Flapper Valve Below K.S. Sub)

COMPANY

LEASE AND WELL NAME #

DATE OF TEST

RIG # AND NAME

Amoco

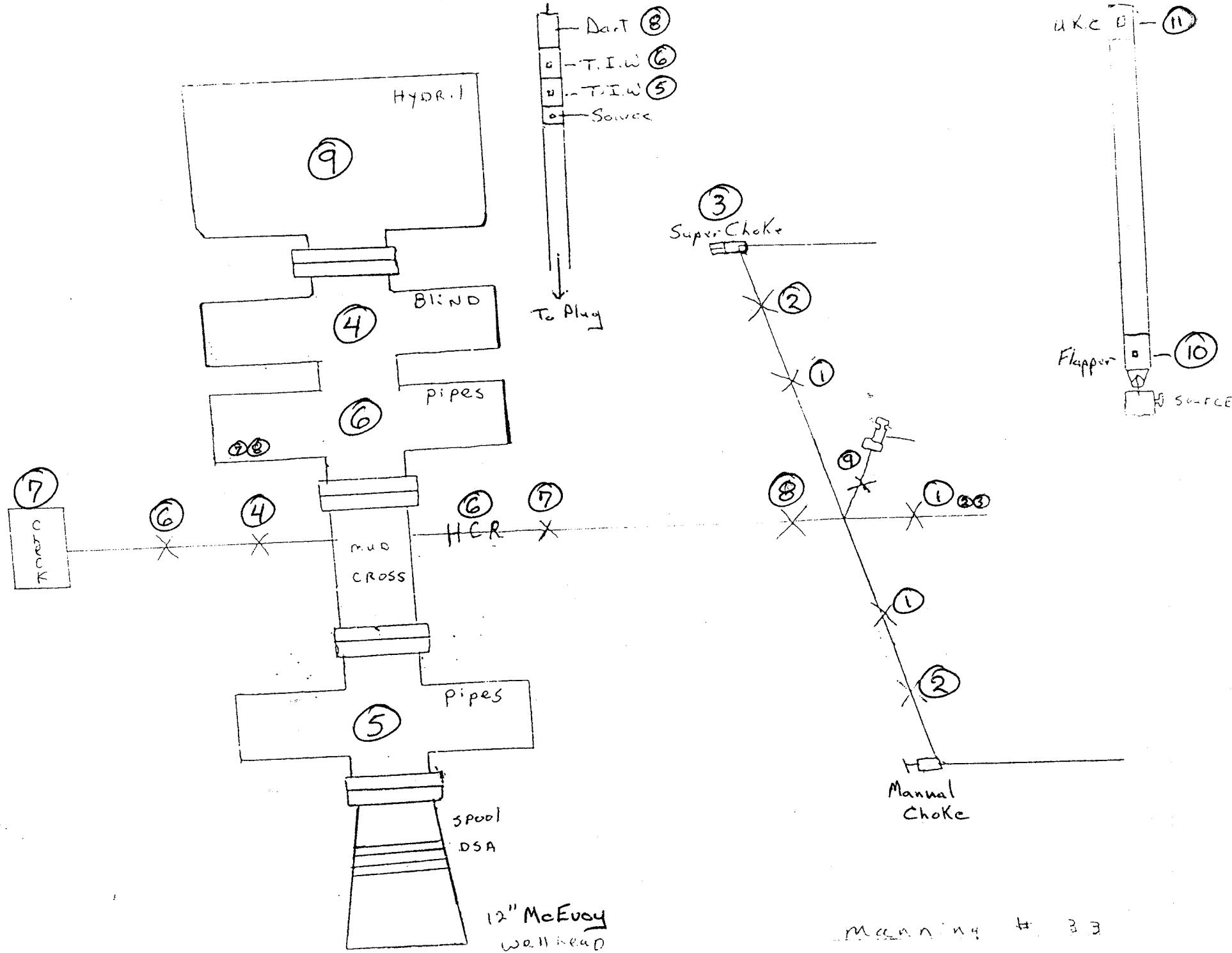
A.R.F. W-1908

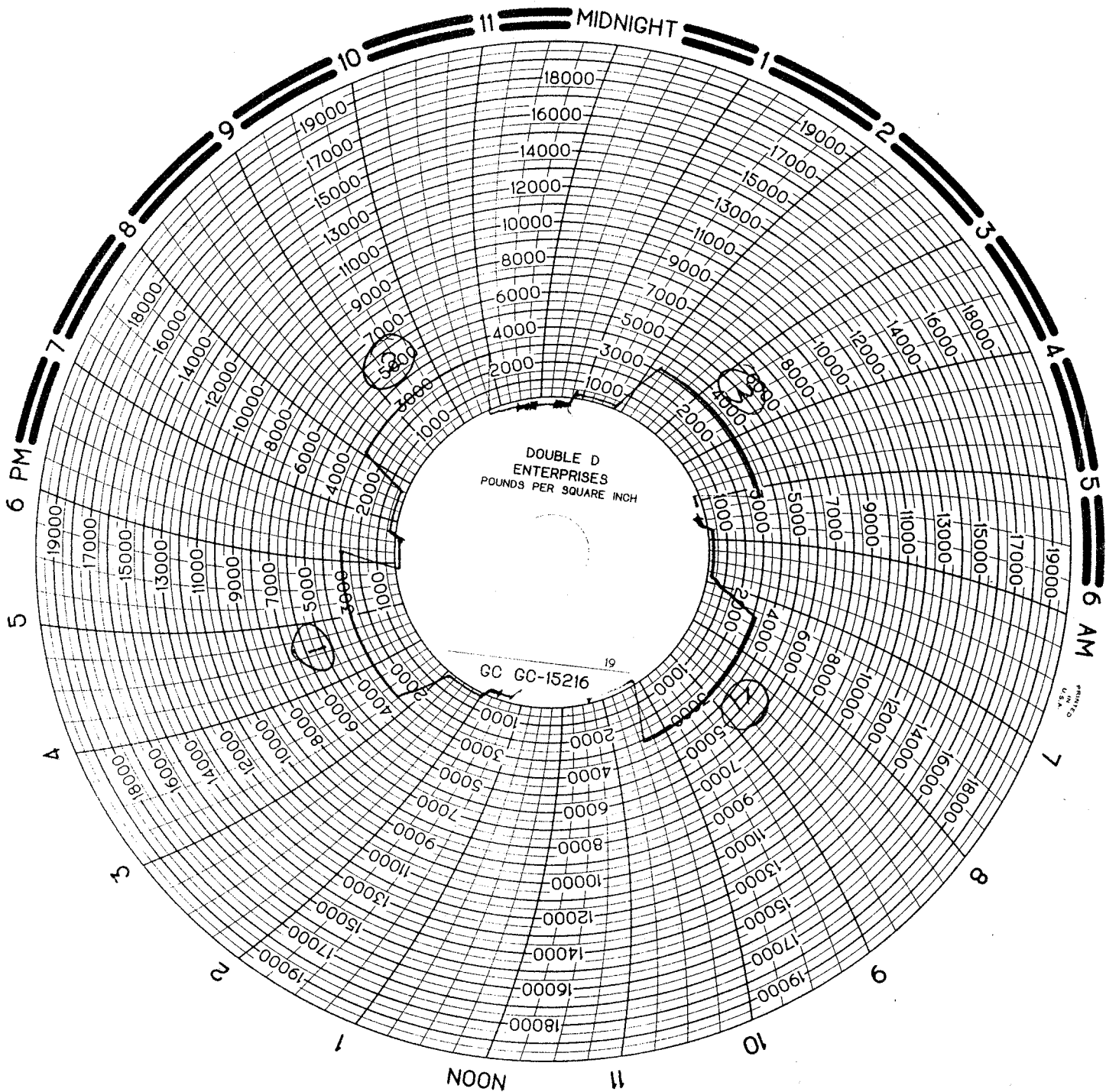
10-16-85

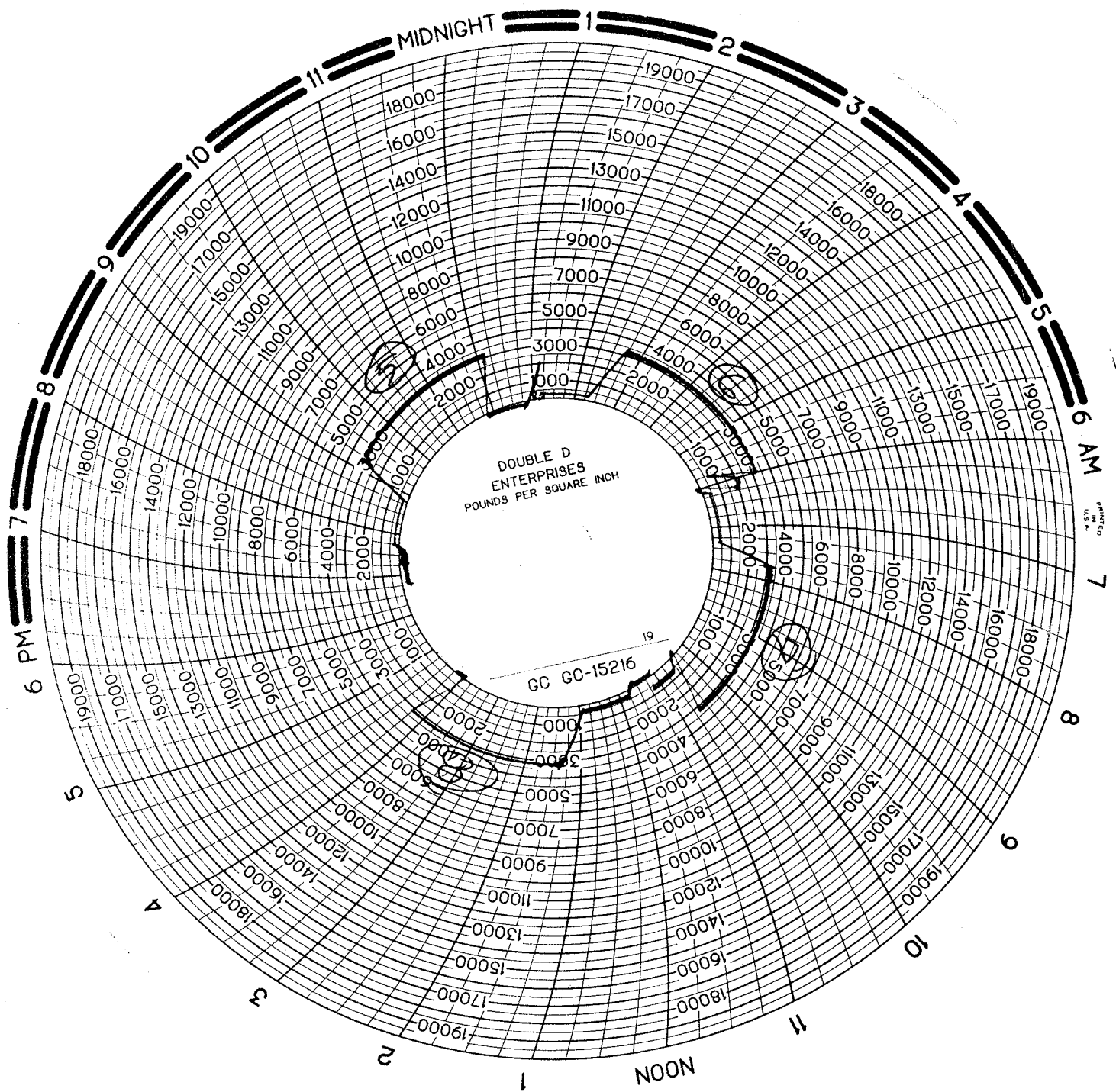
Manning #33

TEST # TIME

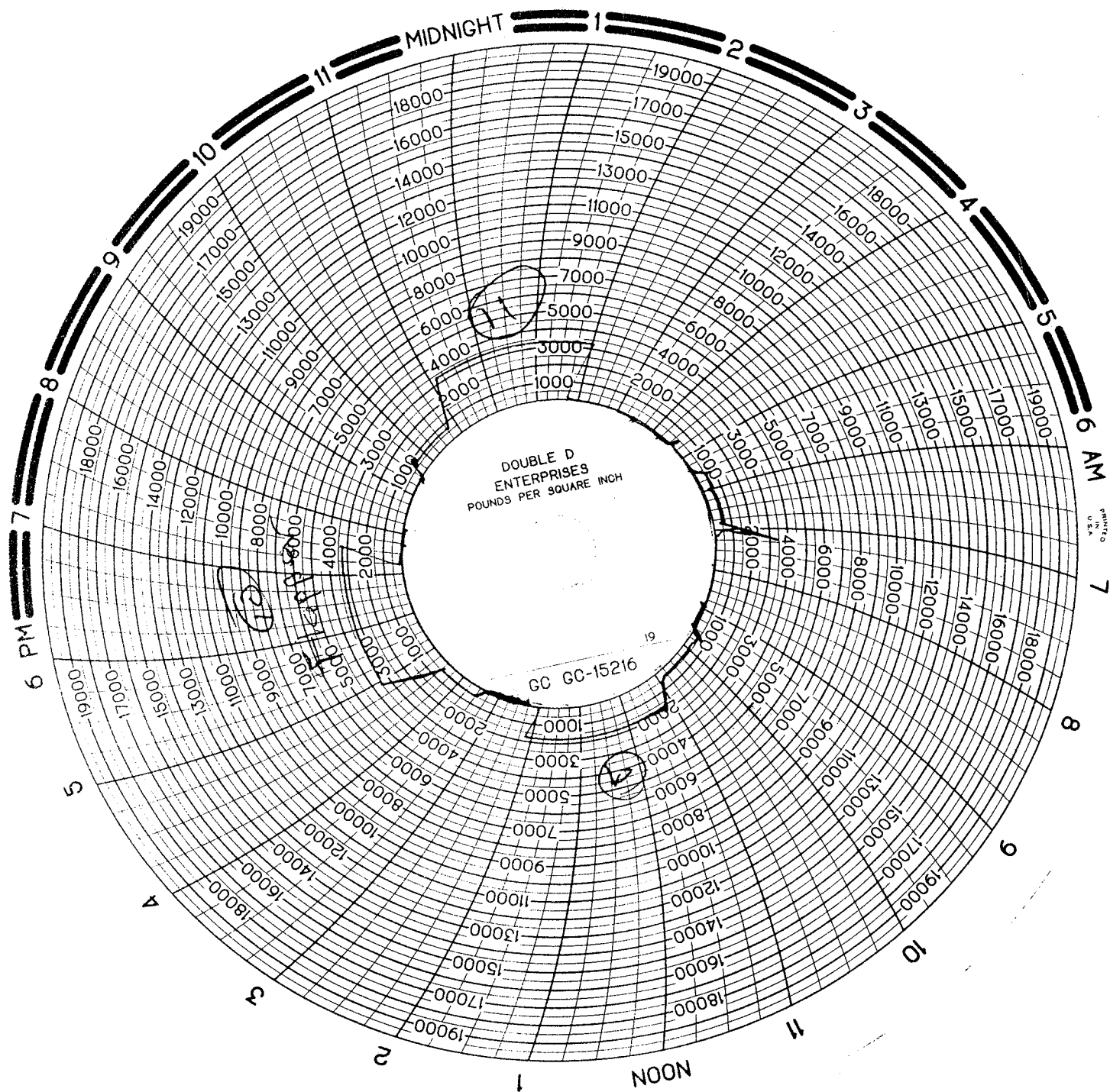
- 1:45 Arrived on location while Rig Inspecting Bales
- 2:15 Hook, Kelly, Etc., Unload Plug & Subs, Rig to Test C. Man.
- ① 2:15-2:20 300 Low O.K. Inside Valves Choke Manifold.
- 2:20-2:35 3000 High O.K.
- 2:35-2:40 Switch Valves
- ② 2:40-2:45 300 Low O.K. 2nd Set Valves Choke Manifold
- 2:45-3:00 3000 High O.K.
- 3:00-3:10 Switch Valves & Work Super Choke
- ③ 3:10-3:15 300 Low O.K. Super Choke
- 3:15-3:30 3000 High O.K.
- 3:30-4:00 Pull Wear Bushing, Set Plug & Fill Stack, Drop Pie, Close Blinds
- ④ 4:00-4:05 300 Low O.K. Blinds, & 1st Manual Kill Line
- 4:05-4:20 3000 High O.K.
- 4:20-4:40 Pick-up Jt. D.P.-Circ. Sub T.I.W.'s & Dart Screw into Plug
- ⑤ 4:40-4:45 300 Low O.K. Lower Pipes & 1st T.I.W.
- 4:45-5:00 3000 High O.K.
- 5:00-5:10 Switch Rams & Switch Valves
- ⑥ 5:10-5:15 300 Low O.K. Upper Pipes, 2nd Man. Kill, H.C.R., 2nd T.I.W.
- 5:15-5:30 3000 High O.K.
- 5:30-5:40 Switch Valves
- ⑦ 5:40-5:45 300 Low O.K. Upper Pipes, Check Valve, 1st 4" Man. Choke Line
- 5:45-6:00 3000 High O.K.
- 6:00-6:05 Switch Valves
- ⑧ 6:05-6:10 300 Low O.K. Upper Pipes, 2nd 4" Man. Choke Line, Dart.
- 6:10-6:25 3000 High O.K.
- 6:25-6:35 Close & Work Hydrill, Open Upper Pipe Rams
- 6:35-6:40 Test Hydrill (No Test)
- 6:40-7:00 Build Koomey Pressure, Raise Closing Press. to 1500 PSI, & Work Hydrill
- ⑨ 7:00-7:05 300 Low O.K. Hydrill, Riser: Valve Choke Man.
- 7:05-7:20 1500 High O.K.
- 7:20-7:50 Pull Plug, Set Wear Bushing & Tie Down Bolts, Close Casing Head Valve
- ⑩ 7:50-7:55 300 Low O.K. Mad Saver Flapper Valve
- 7:55-8:10 3000 High O.K.
- 8:10-8:30 Break-Out Flapper Valve
- ⑪ 8:30-8:35 300 Low O.K. Upper Kelly Cock
- 8:35-8:50 3000 High O.K.
- 8:50 Fill Choke M. w/ Methanol, Set Valves, Load Out, Make out Test Ticket
- Travel to Shop, Clean Unit, Make-Out Report







PRINTED
U.S.A.



BLOW OUT PREVENTION TEST

NAME OF COMPANY: Amoco
WELL NAME: Anschutz Ranch East W19-08
SECTION: 19 TOWNSHIP 4N RANGE 8E COUNTY: Summit
DRILLING CONTRACTOR: Manning
RIG # 33
BOP TEST: DATE: 11/13/85
TIME: 08:00 a
DRILLING: 11,962
CASING: 9 5/8", 10 5/8"
H₂S: none

REPORTED BY: Ken Klinker
TELEPHONE NO. 302-789-1718 ext 486

DATE: 11/13/85

SIGNED W^{ms} Moore

DOUBLE "D" ENTERPRISES

RECEIVED

B.O.P. Test Report

DEC 02 1985

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE).....11-13-85.....

OIL CO.: Amoco.....

WELL NAME & NUMBER.....ARE W 1908.....

SECTION.....19.....

TOWNSHIP.....4N.....

RANGE.....8E.....

COUNTY.....Summit, Utah.....

DRILLING CONTRACTOR.....Manning #33.....

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
Box 2097
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE.....Ken Klinker.....

RIG TOOL PUSHER.....

TESTED OUT OF.....Evanston, Wyoming.....

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative.....

Utah Oil & Gas.....

B.L.M......

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston.....OFFICE

DOUBLE D TESTING

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

Nº 2666

RENTED TO

Amoco

NO.

Manning 33

DATE

11-13-85

ORDERED BY

kin

LEASE

ARC

WELL NO.

W-1908

Rental begins when tools leave
be charged as full day.

TRANSPORTATION - TO AND

DOUBLE D Portable BLOWOUT

First eight hour test period

Additional eight hours or

Items Tested:

Pipe rams to 300 # Csg. to 5000 #
Pipe rams to 300 # Hydri B O P to 300 #
Blinds rams to 300 # Choke Line 300 #
rams to 5000 #

Choke Manifold 300 #
Kelly Cock 300 #
Safety Valve 300 #
TIW 300 #

TEST SUBS

45 IF CIRCULATI

OTHER

45 IF Kelly

45 IF TOP

10" OCT (FMC) plug

45 gallons methanol

Set ware Ring

Close d Choke valve

filled manifold with methanol

We Appreciate Your Business

Mike Jensen

TOTAL

TERMS NET CASH - NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash - No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By:

OWNER OR OWNER'S REPRESENTATIVE

By:

By:

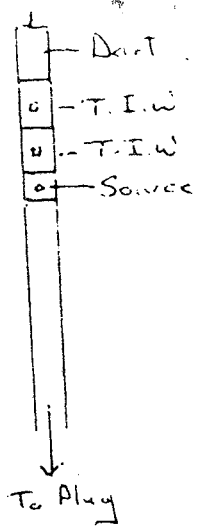
Manning 33

11-13-85

4:10 chde live in bind so I
Tested it real quick. Then started
putting on grant head and flow
nipple.

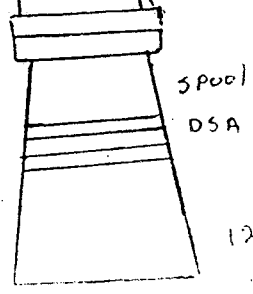
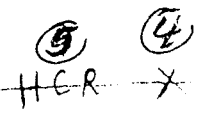
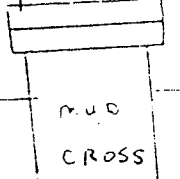
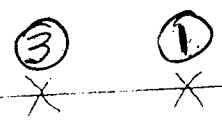
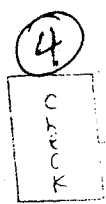
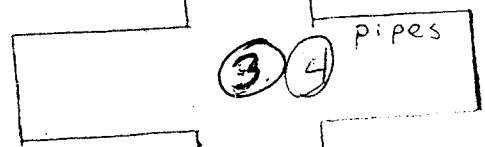
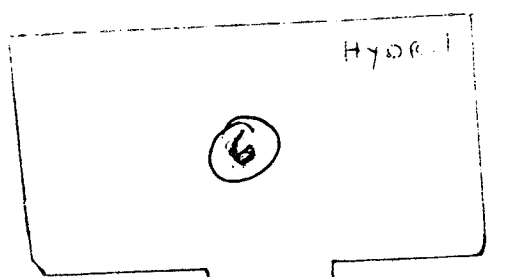
- ① 6:00 low Test blinds - 1st fall - inside manifold.
6:08 High Test.
- ② 6:40 low Test ^{lower} Pipes T.W.
6:46 High Test.
- ③ 7:00 low Test Top pipes - T.W. - 2nd fall - vertical valve
2nd manifold.
7:10 High Test.
- ④ 7:26 low Test Top pipes - valve next to HCR - check.
7:32 High Test.
- ⑤ 7:53 low Test, Top pipes - HCR - DART
8:03 High Test.
- ⑥ 8:22 low Test Hydrill - valve between
3" + manifold,
8:28 High Test.
- ⑦ 9:12 low Test upper Kelly,
9:27 High Test.

Fill manifold with methanol - Roll-up
make out ticket.



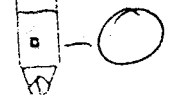
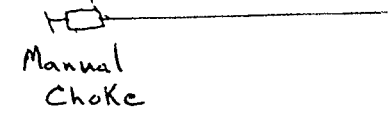
③
②

UKC [] - ⑦

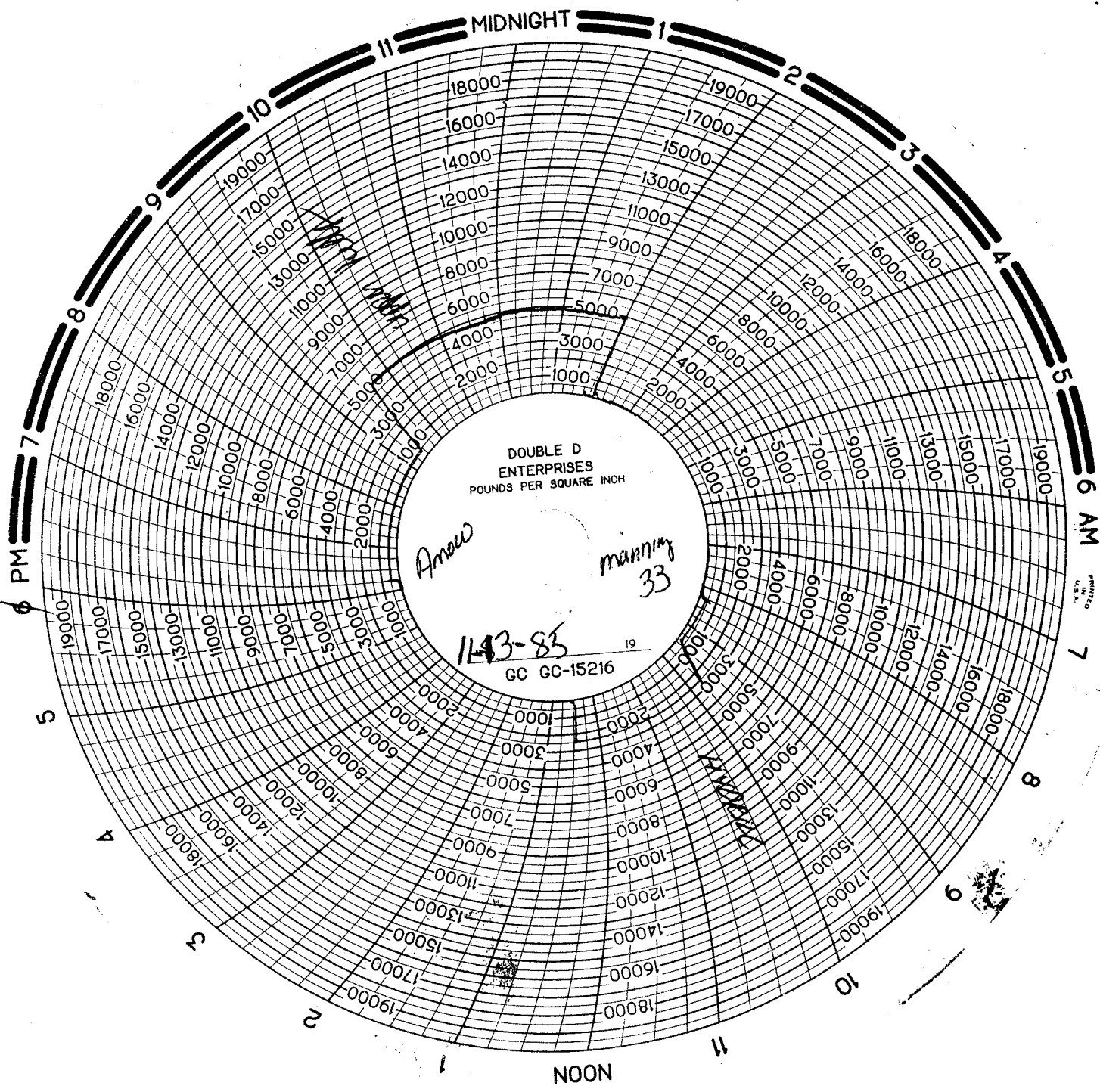


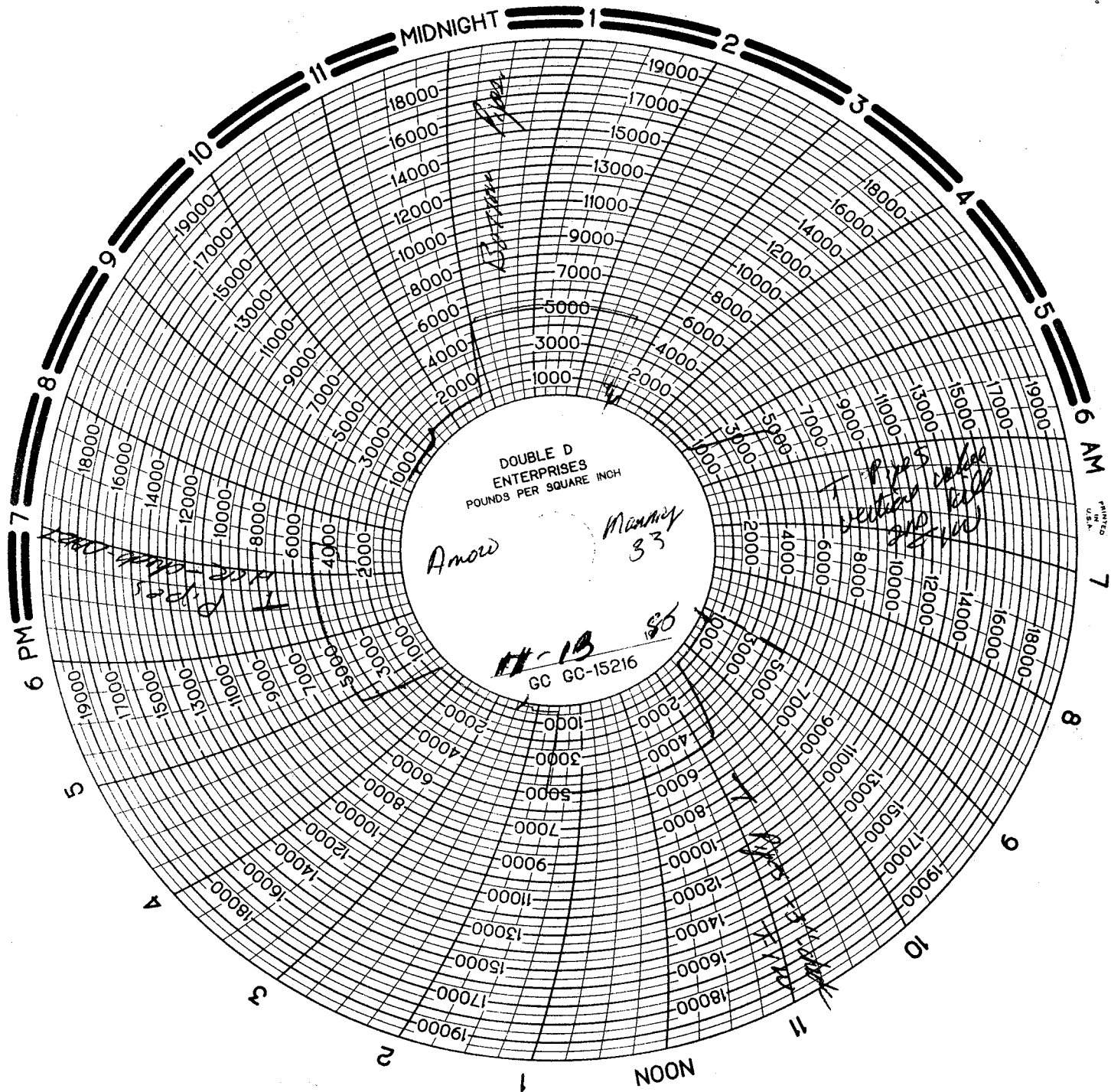
12" McEvoy
well cap

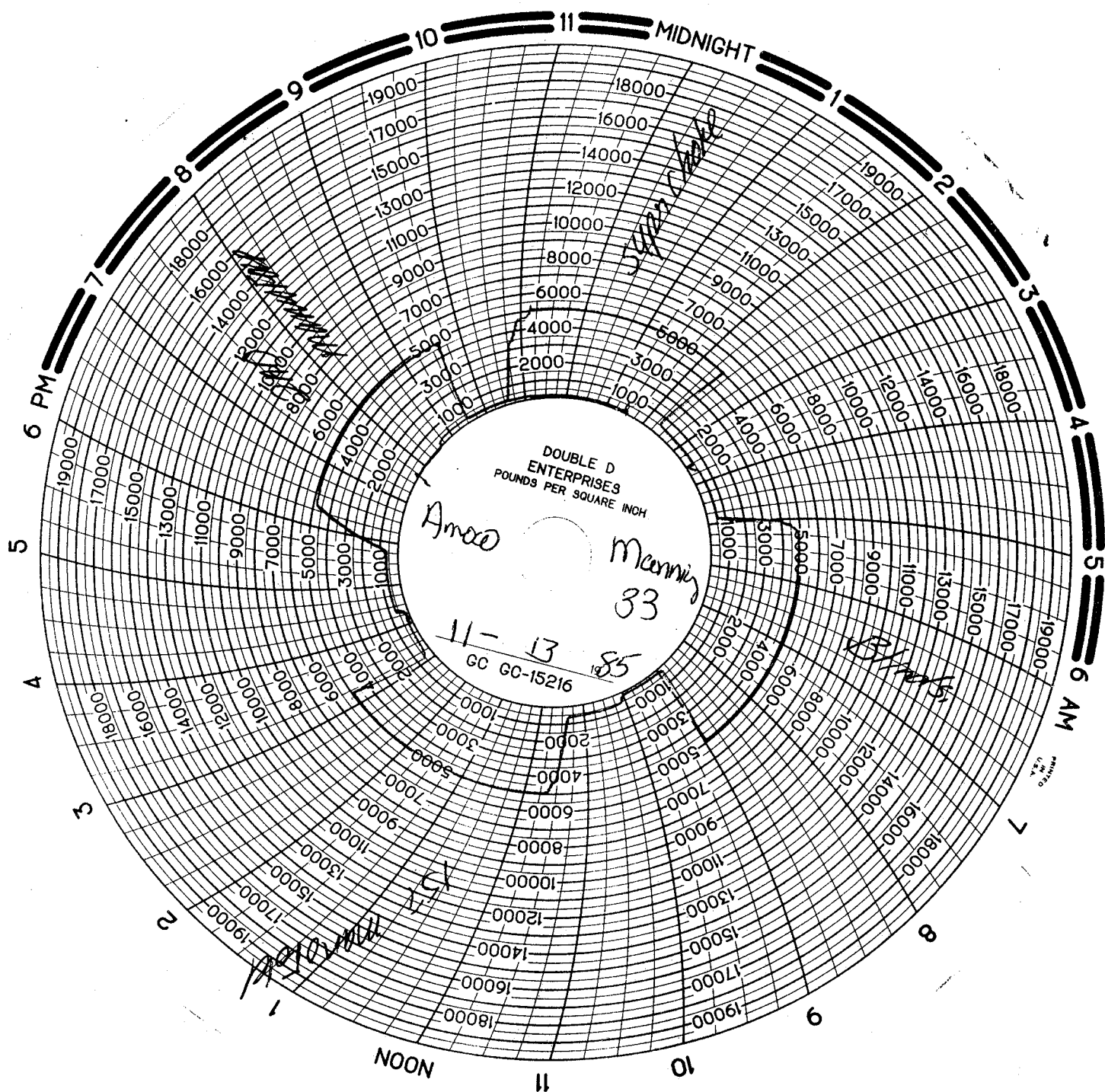
① A Did it while
SuperChoke nipping up.



Manning 4 33







STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: AMOCO

WELL NAME: ANSCHUTZ RANCH EAST UNIT 19-08

SECTION: 19 TOWNSHIP 4N RANGE 8E COUNTY: Summit

DRILLING CONTRACTOR: D D Drilling

RIG #

BOP TEST: DATE: 12-2-85

TIME: 5:00 PM

DRILLING:

CASING:

H₂S:

REPORTED BY: Barbara (D D Drilling)

TELEPHONE NO. 307-2789-9214

DATE: 12-2-85 SIGNED AS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SENE Sec. 19, 301' FEL & 2227' FNL		8. FARM OR LEASE NAME W19-08	
14. PERMIT NO. 43-043-30272		9. WELL NO. W19-08	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7465' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T4N, R8E	
		12. COUNTY OR PARISH Summit	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	Reprot of Operations <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: 12/19/85

Testing Well should be finaled Mid January

18. I hereby certify that the foregoing is true and correct.

SIGNED

Quinn T. Haggles

TITLE Administrative Supervisor

DATE 12/19/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5 & RULE 1-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF

Amoco Production Company, USA

CAUSE NO. _____

ADDRESS P.O. Box 829
Evanston, WY ZIP 82930
INDIVIDUAL PARTNERSHIP CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE ARE W19-08 WELL
SEC. 19 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐
LP GAS STORAGE ☐
EXISTING WELL (RULE 1-4) ☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule 1-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>UPRR 31-1</u>	Well No. <u>ARE W19-08</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>19</u> Twp. <u>4</u> Rge. <u>8</u>			
New Well To Be Drilled Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input type="checkbox"/> Date <u>12/15/85</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Gas
Location of Injection Source(s) <u>Nitrogen extraction Plant</u> <u>Uinta County, WY</u>		Geologic Name(s) and Depth of Source(s) <u>Nitrogen extraction</u> <u>via atmosphere</u>	
Geologic Name of Injection Zone <u>Nugget</u>		Depth of Injection Interval <u>13,539 to 14,144</u>	
a. Top of the Perforated Interval: <u>13,539</u>	b. Base of Fresh Water: <u>3000</u>	c. Intervening Thickness (a minus b) <u>10,539</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? <u>(YES)</u> NO			
Lithology of Intervening Zones <u>Gannet (claystone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>70 MMSCFD</u> B/D <u>6100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of a unit</u> <u>agreement</u>			
<u>Vann E. Prater, District Engineer</u>			

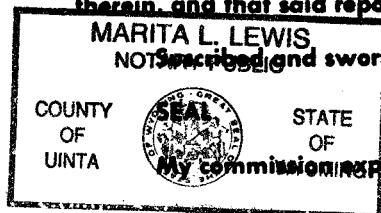
State of Wyoming)

Amoco Production Company

Applicant

County of Uinta)

Before me, the undersigned authority, on this day personally appeared _____
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
therein, and that said report is true and correct.



Notary Public in and for Uinta County

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

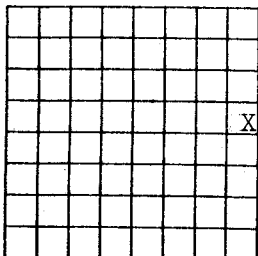
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13-3/8"	5,302	4650	Surface	Returns
Intermediate	9-5/8"	11,966	1100	10,300'	Estimated
Production	7"	14,440	130	12,500'	CBL
Tubing	4-1/2"	13,400	Name - Type - Depth of Tubing Packer Baker Retrieval DB Packer SA 13,400		
Total Depth 14,440	Geologic Name - Inj. Zone Nugget	Depth - Top of Inj. Interval 13,539	Depth - Base of Inj. Interval 14,144		

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

API NO. _____

640 Acres
N



8
Locate Well Correctly
and Outline Lease

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY Summit SEC. 19 TWP. 4 RGE. 8

COMPANY OPERATING Amoco Production

OFFICE ADDRESS P.O. Box 829

TOWN Evanston STATE WY ZIP 82930

FARM NAME Anschutz WELL NO. ARE W19-08

DRILLING STARTED 7/20 19 85 DRILLING FINISHED 12/6 19 85

DATE OF FIRST PRODUCTION 12/17/85 COMPLETED _____

WELL LOCATED 1/4 SE 1/4 NE 1/4

_____ FT. FROM SE OF 1/4 SEC. & _____ FT. FROM NW OF 1/4 SEC.

ELEVATION DERRICK FLOOR 7488 GROUND 7467

COUNTY
LEASE NO.

TYPE COMPLETION

Single Zone X

Multiple Zone _____

Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Nugget	13,528	14,440			

CASING & CEMENT

Casing Set				Cog. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Size	Fillup	Top
13-3/8"			5,302		4650		Surface
9-5/8"	53.5, 47	HC-95	11,966		1100		10,300
7"	32#	N-80	14,440	1500	130		12,500

TOTAL DEPTH 14,440

PACKERS SET
DEPTH 13,400'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Nugget		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	13,539-14,144 (gross)		
INTERVALS			
ACIDIZED?	NO		
FRACTURE TREATED?	NO		

INITIAL TEST DATA

Date	12/17/85		
Oil, bbl./day	1370		
Oil Gravity	48		
Gas, Cu. Ft./day	5.0 MMSCF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	3650		
Water-Bbl./day	40		
Pumping or Flowing	Flowing		
CHOKE SIZE	24/64		
FLOW TUBING PRESSURE	1250		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 789-1700 Vann E. Prater District Engineer
Name and title of representative of company

Subscribed and sworn before me this 7th day of Jan., 19 86

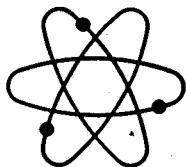
MARITA L. LEWIS
NOTARY PUBLIC

COUNTY
OF
UINTA



STATE
OF
WYOMING

2-11-86



Technology Laboratory, Inc.

Evanston, Wyoming
789-1157

Techni-Lab

Casper, Wyoming
266-4683

WATER ANALYSIS REPORT

Company: AMOCO PRODUCTION CO.
Attention: MR. STAN CORYELL
State: WYOMING
Field: EAST ANSCHUTZ
Lease:
Sample Point: HEATER TREATER #2

Date Received: 6/27/85
Date Sampled: 6/27/85
County: UINTA
Formation:
Well number:
Lab Number: 800-2E

DISSOLVED SOLIDS

CATIONS	mg/L
Sodium, Na	11000
Potassium, K	630
Calcium, Ca	1010
Magnesium, Mg	96

OTHER PROPERTIES

pH	7.29
Resistivity (ohm-meters)68F	.23

ANIONS

Sulfate, SO ₄	690
Chloride, Cl	18068
Carbonate, CO ₃	0
Bicarbonate, HCO ₃	317

Total dissolved solids 31650

WATER PATTERN - me/l

LOGARITHMIC

Na		*					*		Cl
Ca			*		*				HCO ₃
Mg				*		*			SO ₄
Fe					*				CO ₃

REMARKS & RECOMMENDATIONS:

Bill Emery
TECHNOLOGY LABORATORY, INC.

LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

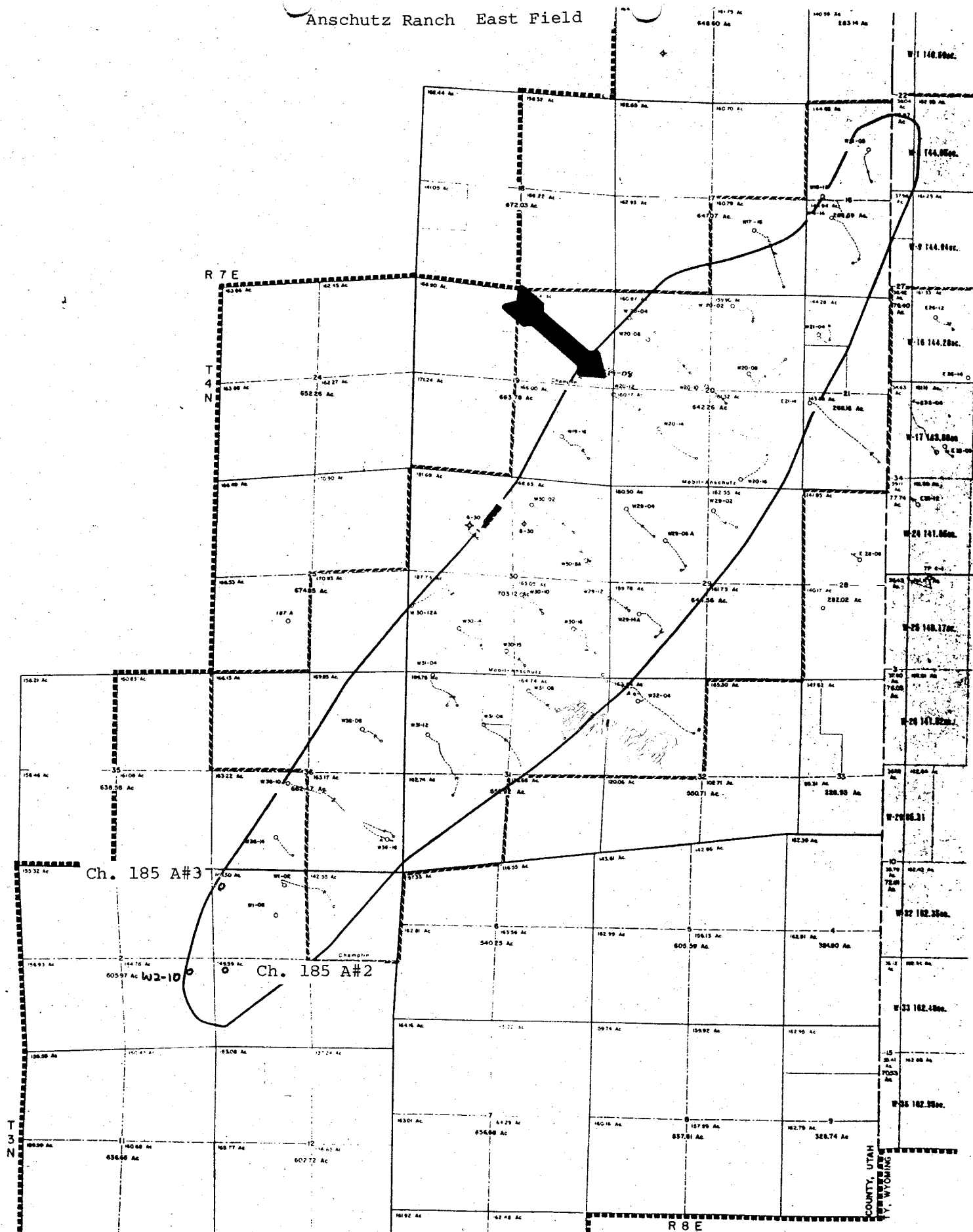
FORMATION PRESSURE TESTING

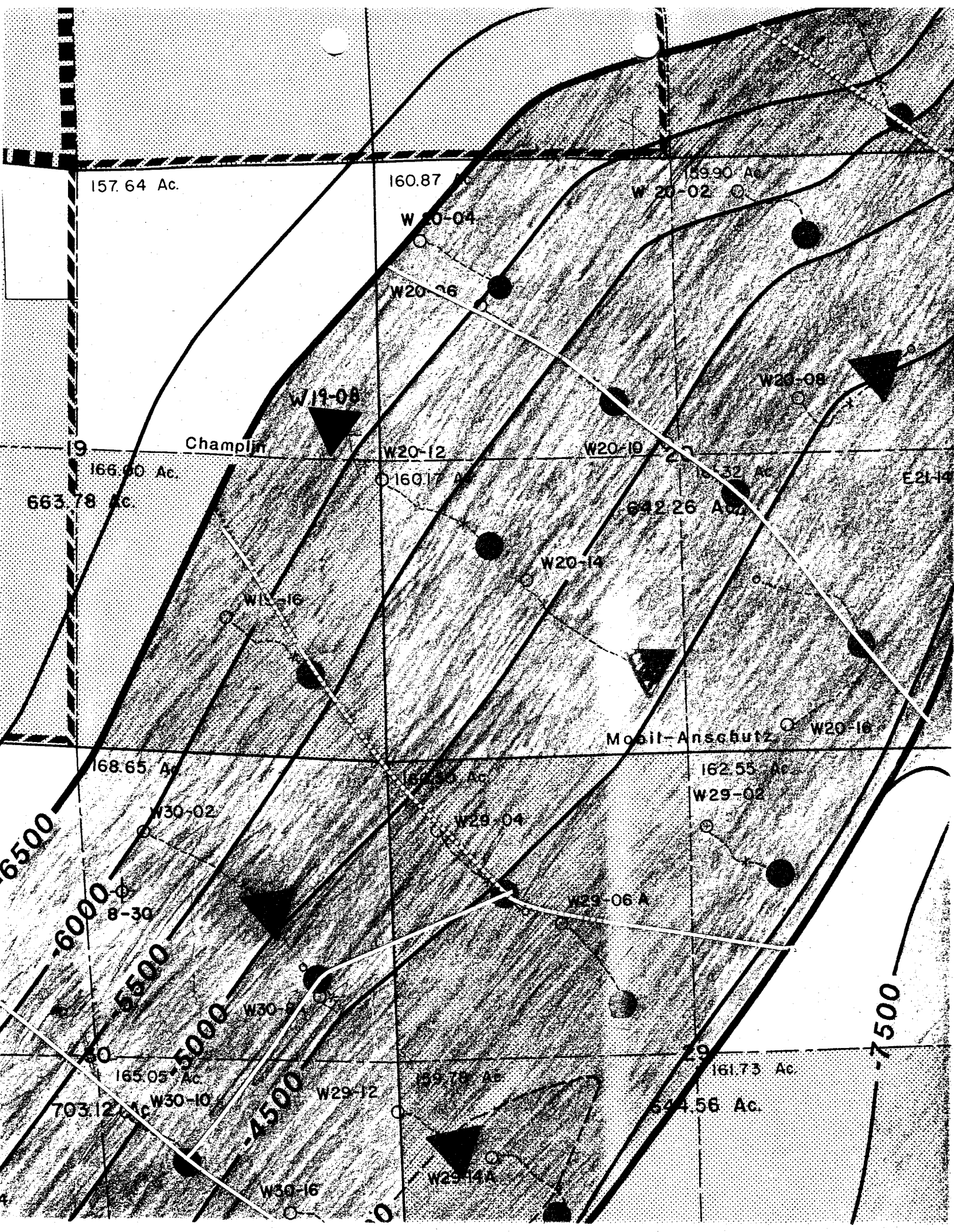
MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

Anschutz Ranch East Field





Anschutz Ranch East

Surface Owners Within One-Half Mile of the W19-08 Injection Well*

<u>Well</u>	<u>Type</u>	<u>Total Depth</u>	<u>Surface Owners</u>
W20-12	Producing	14,048'	Anschutz - Sec. 20
W19-16	Producing	14,148'	Anschutz - Sec. 19
W20-06	Producing	14,163	Anschutz - Sec. 20
W20-04	Producing	14,588	Anschutz - Sec. 20

* Amoco operates all the wells in the field

As a matter of standard operating procedure, Amoco insures (by CBL) that sufficient cement is in place at the top of the Nugget formation to provide isolation between the Nugget and Twin Creek formations.

VERIFICATION AND AFFIDAVIT

STATE OF UTAH)
 : ss
COUNTY OF SUMMIT)

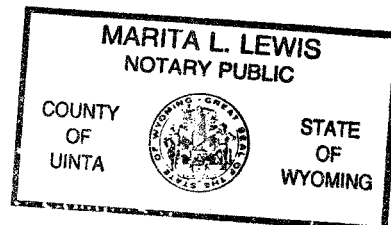
Vann E. Prater, of lawful age, being first duly sworn on his oath, deposes and says:

That he is employed as District Engineer by Amoco Production Company in its Evanston, Wyoming office; that Amoco's application for an order from the Commission granting authority to inject nitrogen gas into the Nugget Formation in the ARE W19-08, Anschutz Ranch East Field, Summit County, Utah, was prepared under his direction and supervision; that the matters and things set forth are true and correct to the best of his knowledge and beliefs; and that a copy thereof was mailed from Applicant's Evanston, Wyoming office January 7, 1986, to the parties shown as attached, who are the only oil and gas lease owners, or surface owners covering the lands described in the application; and to the best of his information, knowledge and belief, the above named parties are the only owners to whom notice of such application is required to be given in accordance with the Rules and Regulations of the Utah Division of Oil, Gas, and Mining.

Vann E. Prater
Vann E. Prater

Subscribed and sworn to before me this 7th day of January, 1986.

Marita L. Lewis
Notary Public
2-11-86



Working Interest Owners - West P.A.
Address List

The Anschutz Corporation
2400 Anaconda Tower
Denver, CO 80202

Attn: John D. Haley

BWAB Incorporated
1000 City Center 4
1801 California Street
Denver, CO 80202

Attn: Ray O. Brownlie

Champlin Petroleum Company
P.O. Box 1257
Englewood, CO 80150

Attn: T. J. Wheeler

Gulf Oil Exploration &
Production Company
P.O. Box 2619
Casper, WY 82602

Attn: R. L. Nettle

Mobil Rocky Mountain, Inc.
1225 17th Street
Denver, CO 80202

Attn: William E. Pritchard

PanCanadian Petroleum Company
600 17th Street, Ste. 1800 South
Denver, CO 80202

Attn: Donald R. Reeves

Injection

Maximum injection rate - 70 MMSCFD

Maximum surface pressure - 6100 psi

Injection fluid - 65% hydrocarbon gas/35% nitrogen

A step rate test was conducted during February, 1985 on the ARE W20-14 injection well in the Nugget formation. One hundred percent nitrogen was used for the test. Injection rates started at 3 MMSCFD at a wellhead pressure of 3760 psi (BHP = 5329 psi) and were increased to a final rate of 60.5 MMSCFD at a wellhead pressure of 5552 psi (BHP = 6616 psi). A cartesian plot of injection rate versus bottomhole pressure shows that the Nugget formation did part at a pressure and rate less than that requested for W19-08. However, the parting pressure and rate vary between wells based upon the depth and perforated pay quality. The data on the W20-14 and previous step rate data show the fracture gradient in the Nugget Formation to be .51 psi/ft. Other injection wells do have higher injection rates and pressures and are not fracturing based upon the .51 psi gradient.

We do not expect to reach the parting pressure with the requested 6100 psi surface pressure and 70 MMSCFD rate because of the pressure losses caused by the transferral of the gas to the formation face. Amoco will collect data to ensure the W19-08 injection pressures are less than the parting pressure.

RATE	BHP
3.0	5329
15.7	5786
31.0	6280
41.0	6415
50.0	6514
60.5	6616

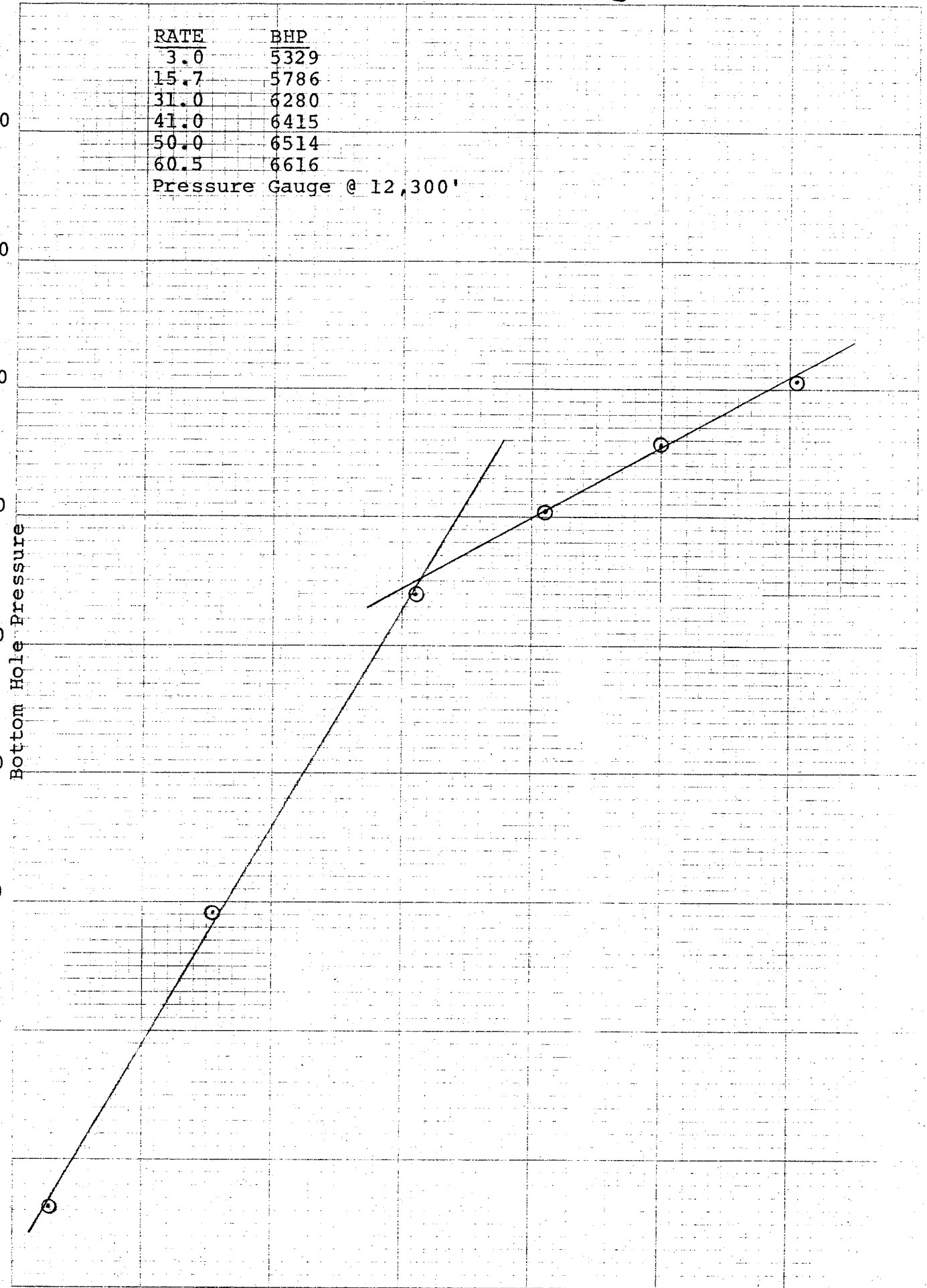
Pressure Gauge @ 12,300'

46 0700

Bottom Hole Pressure

10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

7000
6800
6600
6400
6200
6000
5800
5600
5400
5200



Q (MMSCFD)

Injection Operating Data

ARE Injection Wells

Design injection press = 6100 psi
Design injection rate = 450 MMSCFD total

RTU (remote terminal unit) at mixing station controls (remaining percentage hydrocarbon gas)

1. Max of 35% N₂ (excess is vented to atmosphere)
2. Max injection pressure of 6100 psi (vent N₂ to atmosphere to control press.) through a vent valve at the mixing station.

Safety Controls on all Compressors: (compressing gas to injection pressure)

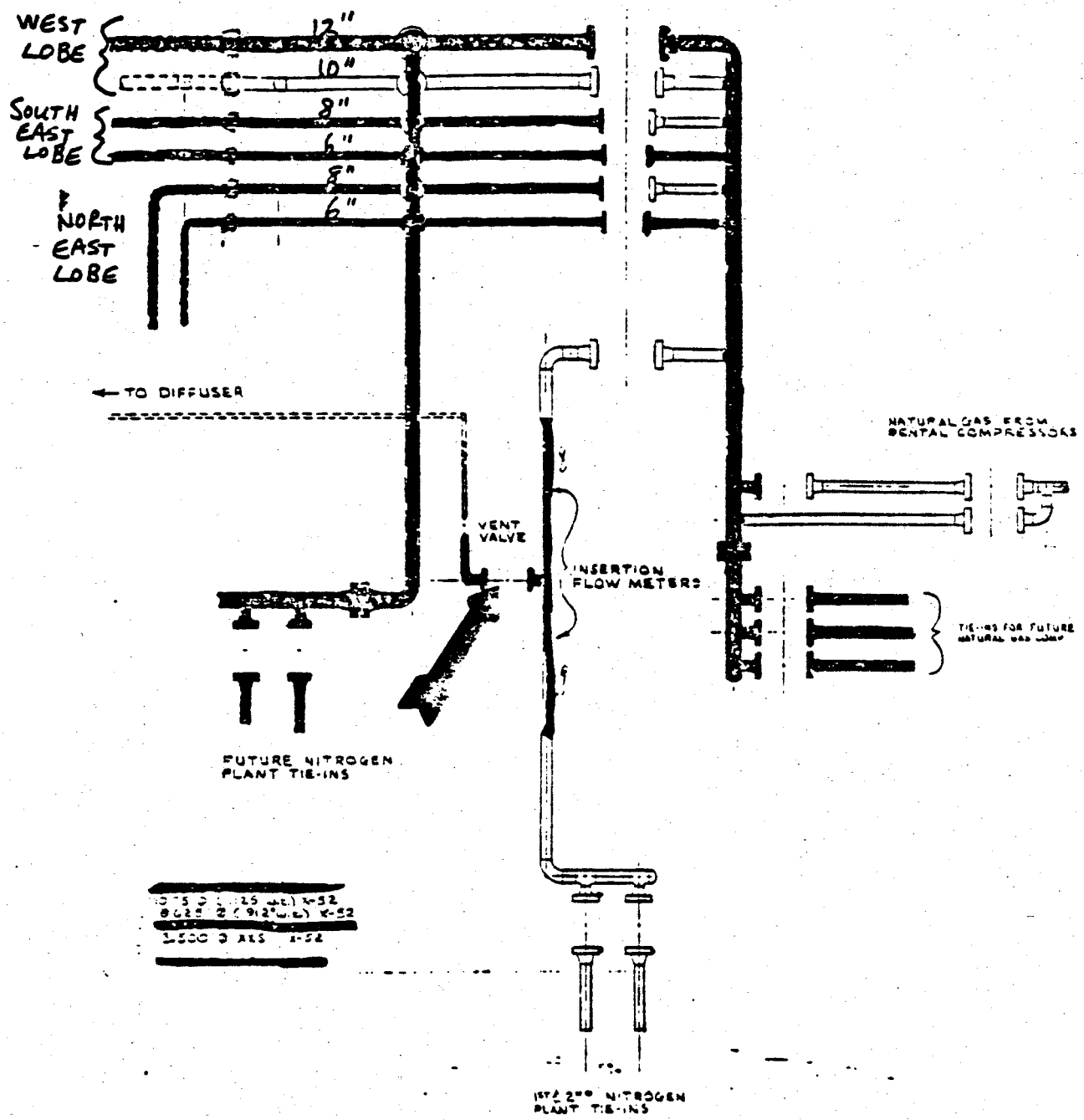
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

1. ESD valve on injection flowline - shuts down on a high casing-tubing annulus pressure (3000 psig)

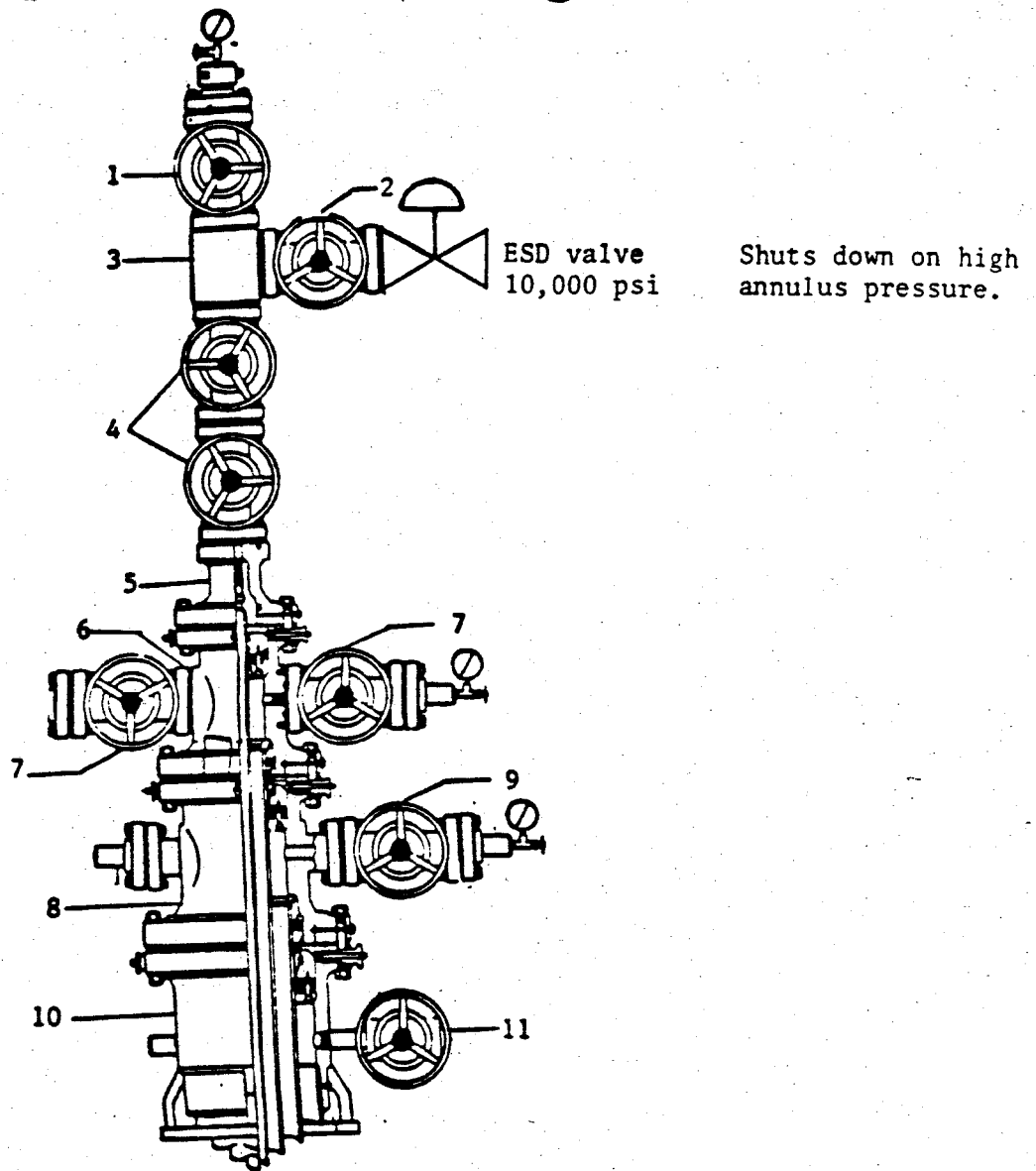
Contingency Plan

1. If high pressure shutdown occurs, the problem will be identified, the well shut-in, the high pressure will be bled off, and repair work will commence.



10" S O 125 W-52
8" S O 125 W-52
1500 O A-52

ARE Mixing Station
Scale - 1/4" = 1'



1. Swab valve, 3-1/16" ID, 10,000 psi w.p.
2. Wing valve, 3-1/16" ID, 10,000 psi w.p.
3. Flow tee, 10,000 psi w.p.
4. Master valve, 3-1/16" ID, 10,000 psi w.p.
5. Adapter, 10,000 psi x 10,000 psi w.p.
6. Tubing spool, 5,000 psi x 10,000 psi w.p.
7. Gate valve, 1-13/16" ID, 10,000 psi w.p.
8. Intermediate casing spool, 3000 psi x 5000 psi w.p.
9. Gate valve, 2-1/6" ID, 5000 psi w.p.
10. Surface casing head, 3000 psi w.p.
11. Ball valve, 1-1/2" ID, 3000 psi w.p.

FIGURE 23. Typical Wellhead for Injection Wells

Formation Testing Programs

An extensive bottomhole pressure monitoring program is being conducted in the Anschutz Ranch East Field. Falloff tests are performed on each injection well quarterly. Buildups and static gradient surveys are run on selected producers periodically to help monitor the reservoir pressure. Occasionally, special tests such as step rate tests are conducted.

Continuous monitoring of produced fluids is being undertaken. An automated gas-chromatograph system is operational which samples all producing wells daily to determine if injection gas breakthrough has occurred.

MECHANICAL INTEGRITY TEST

In reference to Rule 1-5-b-8 concerning mechanical integrity tests, Amoco's procedure is to fill the casing with 2% KCL water after drilling out cement from the primary cement job and then apply 1000-1500 psi to the casing while running a CBL. This is a pressure test of about 7200-7700 psi at bottom-hole conditions in a 14,000' well. Additional tests are performed when cement retainers or packers are set. The annulus is usually tested to 1500 psi with 2% KCL water in the hole to make sure the cement retainers or packers are not leaking. The pressure is applied by pumping down the backside with a rig pump. When the final packer and production strings are set in the hole the casing tubing annulus is pressure tested to 1500-3000 psi with corrosion inhibited 2% KCL water in the casing-tubing annulus.

PRESSURE TESTING

In reference to Rule 1-6-a-3, a test of the casing to the maximum authorized injection pressure of the new injection wells, 5500 psi, using Amoco's procedure of testing with 2% KCL water in the hole would exceed the mechanical rating of the casing and possibly cause a failure. Therefore, Amoco recommends the following alternative: Test the casing to 1500 psi with 2% KCL water . Testing to 1500 psi with 2% KCL water in the hole will provide the same bottom-hole pressure as applying 5500 psi with gas in the hole. Amoco performs the test with water in the hole for safety considerations and to insure the annulus is not left full of gas, which would be necessary if the test was performed with gas. The casing tubing annulus is left filled with 2% KCL water with corrosion inhibitor.

ARE W19-08 - GEOLOGIC DATA

Twin Creek:

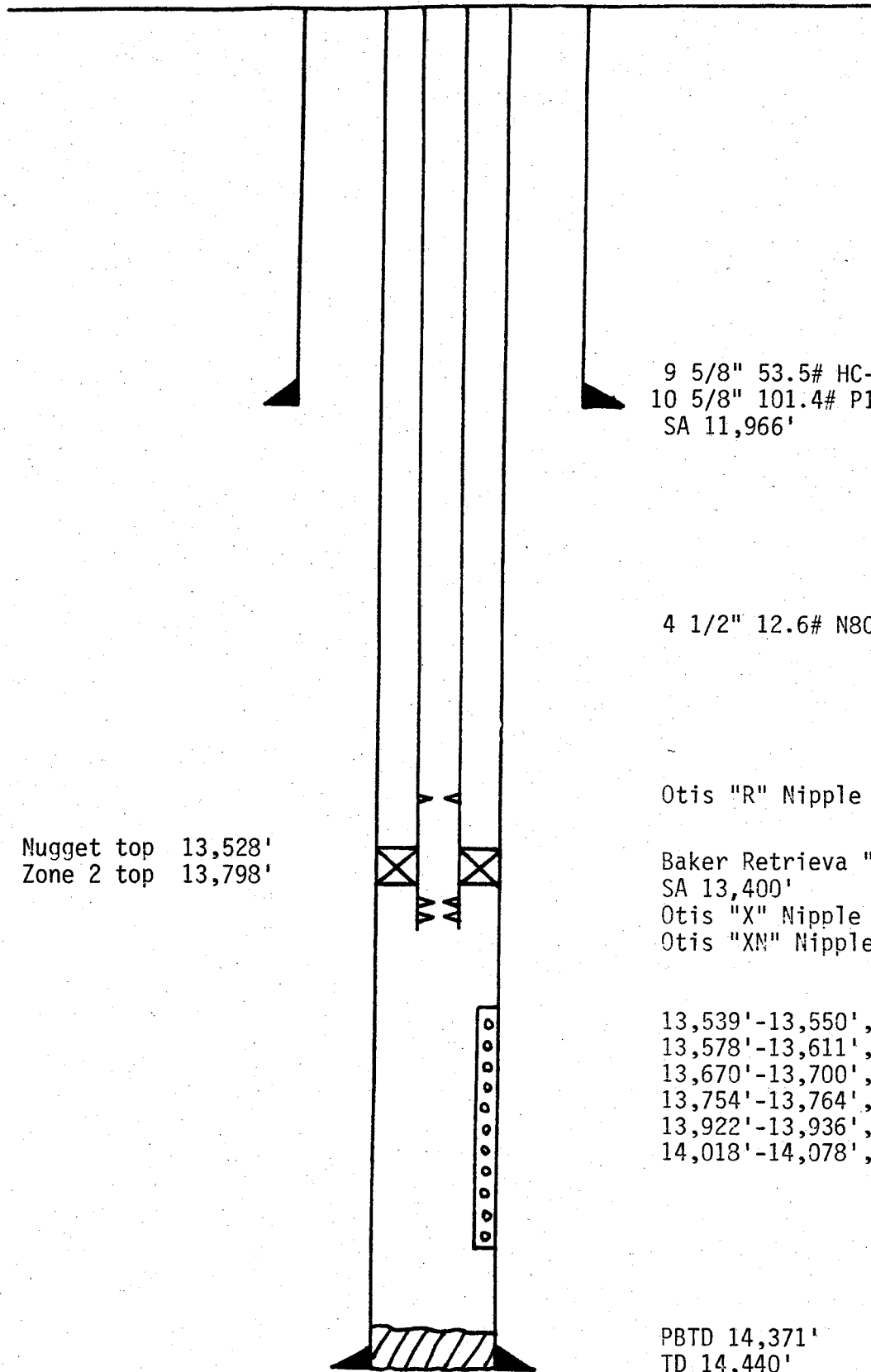
Lithology - Limestone
Thickness - 1644'
Top - 11,884'

Nugget:

Lithology - Sandstone
Thickness - 912' (bottom of Nugget not reached at TD)
Top - 13,528'

ARE W19-08 WELLBORE DIAGRAM

Sec 19-T4N-R8E Summit County, Utah 7489'KB 7467'GL



9 5/8" 53.5# HC-95, 47# HC-95
10 5/8" 101.4# P110'
SA 11,966'

4 1/2" 12.6# N80 VAM

Otis "R" Nipple SA 13,365'

Nugget top 13,528'
Zone 2 top 13,798'

Baker Retrieval "DB Packer
SA 13,400'
Otis "X" Nipple SA 13,449'
Otis "XN" Nipple SA 13,483'

13,539'-13,550', 13,562'-13,568'
13,578'-13,611', 13,628'-13,650'
13,670'-13,700', 13,732'-13,744'
13,754'-13,764', 13,804'-13,894'
13,922'-13,936', 13,962'-14,002'
14,018'-14,078', 14,102'-14,144'

PBTD 14,371'
TD 14,440'

CEMENT BOND LOG EVALUATION OF ARE W19-08

Excellent cement bond from TD to 13,500'
(Nugget into bottom of Twin Creek)

Fair to excellent cement bond from 13,500' to 12,850' (Twin Creek)



Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307-789-1700

T. G. Doss
District Manager

RECEIVED

JAN 08 1986

**DIVISION OF OIL
GAS & MINING**

January 3, 1986

State of Utah
Division of Oil, Gas, and Mining
355 W, N Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

Attn: Dr. Dianne R. Nielson

File: VEP-2-588-WF

Injection Well Application
ARE W19-08
Anschutz Ranch East
Summit County, Utah

The following application is submitted by Amoco Production Company for an Underground Injection Control Class II Well in the Anschutz Ranch East Unit (Plan of Operation approved at State Hearing, November 30, 1982, Cause No. 183-11). It is requested that this application be given administrative approval. The Anschutz Ranch East W19-08 well will be the fourteenth well to be used for gas injection purposes in the Anschutz Ranch East field (reference Amoco Production Company letter dated April 7, 1983). Please find attached the above mentioned application and attachments for the ARE W19-08 well.

Amoco Production Company has reviewed Rule 1, Underground Injection Criteria and Standards. All data requested for Rule 503, has been submitted under this letter. Amoco recommends an alternative to Rule 505 regarding pressure testing the casing as noted in the attached section entitled "Pressure Testing".

Amoco Production Company's records indicate that an aquifer exemption has never been issued for the Nugget formation of the Anschutz Ranch East field as required under Rule 504. Pursuant to this, an analysis of typical Anschutz Ranch East water has been included for your review. This analysis shows ARE Nugget water to be nonpotable with total dissolved solids in excess of 31,000 mg/l. In addition, the zone overlying this aquifer is hydrocarbon-bearing.

Dr. Dianne R. Nielson

Page 2

As always, measures are being undertaken to ensure that contamination of fresh water will not occur. It should be noted that a step-rate test was conducted during February 1985, to establish the parting pressure of the Nugget formation. Amoco will ensure that injection pressures are less than that parting pressure.

Please direct any questions to Dan Polson in the Evanston District Office at (307) 789-1700.

T. G. Doss ^{12/10}

T. G. Doss

DNP/vje

Attachments



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 9, 1986

Park Record
Legal Advertizing
PO Box 3688
Park City, Utah 84060

Gentlemen:

RE: UIC-075

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 17th day of January. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 9, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main Street
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-075

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 17th day of January. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

PROOF OF PUBLICATION



STATE OF UTAH, }
County of Summit, } ss.

I, Gloria J. Johnston

being first duly sworn, depose and say that I am the _____

secretary of The Park Record, a week-

ly newspaper of general circulation, published once each week at

Park City, Utah, that the notice attached hereto and which is a

UIC-075

was published in said newspaper for 1(one) con-

secutive issues, the first publication having been made on the

16 day of January, 1986, and the last

on the 16 day of January, 1986, that said

notice was published in the regular and entire issue of every number

of the paper during the period and times of publication, and the same

was published in the newspaper proper and not in any supplement.

Gloria J. Johnston

Subscribed and sworn to before me this 20 day of

January, 1986.

Susan Davis
Notary Public

My commission expires October 17, 1987.

Notice of application of administrative approval

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE JW19-08 WELL, LOCATED IN SECTION 19, TOWNSHIP 4 NORTH, RANGE 8 EAST, SUMMIT COUNTY, UTAH, U.S.M., AS A CLASS II ENHANCED RECOVERY GAS INJECTION WELL

CAUSE NO. UIC-075

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Amoco Production Company, USA, P. O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of the ARE JW19-08 well, located 301 feet FEL and 2227 feet FNL (SENE) of Section 19, Township 4 North, Range 8 East, Summit County, Utah as a Class II enhanced recovery gas injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 13,429 to 14,144

Maximum Estimated Surface Pressure: 6100 psig

Maximum Estimated Gas Injection Rate: 70 MMSCFD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 9th day of January, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant
Published in the Park Record
January 17, 1986.

PROOF OF PUBLICATION



STATE OF UTAH, }
County of Summit, }ss.

I, Gloria J. Johnston

being first duly sworn, depose and say that I am the _____

secretary of The Park Record, a week-

ly newspaper of general circulation, published once each week at

Park City, Utah, that the notice attached hereto and which is a

UIC-072

was published in said newspaper for 1 (one) con-

secutive issues, the first publication having been made on the

3 day of January, 1986, and the last

on the 3 day of January, 1986, that said

notice was published in the regular and entire issue of every number

of the paper during the period and times of publication, and the same

was published in the newspaper proper and not in any supplement.

Gloria J. Johnston

Subscribed and sworn to before me this 15 day of

January, 1986.

Susan Davis
Notary Public

My commission expires October 17, 1987.

Notice of approval of well

BEFORE THE DIVISION OF OIL, GAS, AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

CAUSE NO. UIC-072

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, USA, FOR ADMINISTRATIVE APPROVAL OF THE ARE JW31-08 WELL, LOCATED IN SECTION 31, RANGE 8 EAST, SUMMIT COUNTY, UTAH, U.S.M., AS A CLASS II ENHANCED RECOVERY GAS INJECTION WELL

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Amoco Production Company, USA, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval of the ARE JW31-08 well, located 468' FNL and 2201' FEL (NWNE) of Section 31, Township 4 North, Range 8 East, Summit County, Utah as a Class II enhanced recovery gas injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 11,900 to 12,620

Maximum Estimated Surface Pressure: 6100 psig

Maximum Estimated Gas Injection Rate: 50 MMSCFD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 18th day of December, 1985.

Published in the Park Record January 2, 1986.

Affidavit of Publication

RECEIVED

ADM-358

STATE OF UTAH,

County of Salt Lake

SS.

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH

In the matter of the Application
of Amoco Production Company,
USA, for administrative ap-
proval of the ARE #W19-08
well, located in Section 19,
Township 4 North, Range 8
East, Summit County, Utah,
U.S.M., as a Class II enhanced
recovery gas injection well.

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER.

Notice is hereby given that
Amoco Production Company,
USA, P.O. Box 829, Evanston,
Wyoming 82900, has requested
administrative approval of the
ARE #W19-08 well, located 301'
FEL and 2227' FNL (SENE) of
Section 19, Township 4 North,
Range 8 East, Summit County,
Utah as a Class II enhanced re-
covery gas injection well.

The proposed operating data
for the well is as follows:
Injection Interval: Nugget For-
mation 13,539 to 14,144
Maximum Estimated Surface
Pressure: 6100 psig
Maximum Estimated Gas In-
jection Rate: 70 MMSCFD

Approval of this application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 9th day of Janu-
ary, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

A-61

Being first duly sworn, deposes and says that he/she is
legal advertising clerk of **THE SALT LAKE TRIBUNE**,
a daily newspaper printed in the English language with
general circulation in Utah, and published in Salt Lake
City, Salt Lake County, in the State of Utah, and of the
DESERET NEWS, a daily newspaper printed in the
English language with general circulation in Utah, and
published in Salt Lake City, Salt Lake County, in the
State of Utah.

That the legal notice of which a copy is attached hereto

.....Application of Amoco Production.....

.....Company.....

was published in said newspaper on.....

.....January 16, 1986.....

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this22nd..... day of

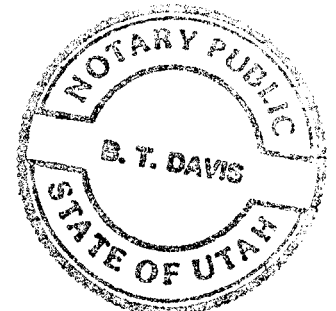
.....January..... A.D. 19..86....

B. J. Davis

Notary Public

My Commission Expires

.....March 1, 1988.....



Affidavit of Publication

RECEIVED

ADM-358

STATE OF UTAH,
County of Salt Lake

ss.

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH

In the matter of the Application
of Amoco Production Company,
USA, for administrative ap-
proval of the ARE #W19-08
well, located in Section 19,
Township 4 North, Range 8
East, Summit County, Utah,
U.S.M., as a Class II enhanced
recovery gas injection well.

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER.

Notice is hereby given that
Amoco Production Company,
USA, P.O. Box 829, Evanston,
Wyoming 82930, has requested
administrative approval of the
ARE #W19-08 well, located 301'
REL and 222' ENL (SENE) of
Section 19, Township 4 North,
Range 8 East, Summit County,
Utah as a Class II enhanced re-
covery gas injection well.

The proposed operating data
for the well is as follows:
Injection Interval: Nugget For-
mation 13,539 to 14,144
Maximum Estimated Surface
Pressure: 6100 psig
Maximum Estimated Gas In-
jection Rate: 70 MMSCFD

Approval of this application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 9th day of Janu-
ary, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

A-61

Being first duly sworn, deposes and says that he/she is
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City, Salt Lake County, in the State of Utah, and of the
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English language with general circulation in Utah, and
published in Salt Lake City, Salt Lake County, in the
State of Utah.

That the legal notice of which a copy is attached hereto

.....Application of Amoco Production.....

.....Company.....

was published in said newspaper on.....

.....January 16, 1986.....

.....*Cheryl Gierloff*.....
Legal Advertising Clerk

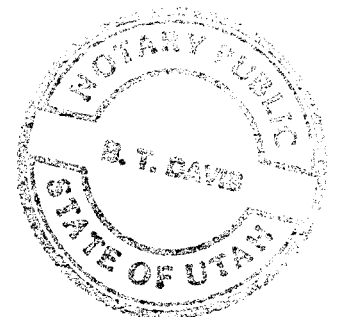
Subscribed and sworn to before me this22nd..... day of

.....January..... A.D. 19..86....

.....*B. T. Davis*.....
Notary Public

My Commission Expires

.....March..1., 1988.....





2400 ANACONDA TOWER
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-298-1000
TWX 910-931-2620
TELEX 45-0877

January 16, 1986

RECEIVED

JAN 21 1986

DIVISION OF OIL
GAS & MINING


Dr. Diane R. Nielson
State of Utah
Division of Oil, Gas, and Mining
355 W, N. Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

RE: Injection Well Application
ARE W19-08
Anschutz Ranch East
Summit County, Utah

Dear Dr. Nielson:

Amoco Production Company has applied for administrative approval of the captioned, and they have provided notifications per Rule 501-b of your division's underground injection regulations. This well, which was authorized by the Unit's Working Interest Owners, is an enhanced recovery injection well. The Anschutz Corporation supports the application filed by Amoco.

Sincerely,


John D. Haley
Vice President, Production

cc: T.G. Doss
Amoco Production Company
P.O. Box 829
Evanston, WY 82930

JDH/WGH/jcd

orig MTC files
cc G. Hunt

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-075
OF AMOCO PRODUCTION COMPANY, USA, :
FOR ADMINISTRATIVE APPROVAL OF :
THE ARE #W19-08 WELL, LOCATED IN :
SECTION 19, TOWNSHIP 4 NORTH, :
RANGE 8 EAST, SUMMIT COUNTY, UTAH, :
U.S.M., AS A CLASS II ENHANCED :
RECOVERY GAS INJECTION WELL :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Amoco Production Company, USA, P.O.
Box 829, Evanston, Wyoming 82930, has requested administrative
approval of the ARE #W19-08 well, located 301' FEL and 2227' FNL
(SENE) of Section 19, Township 4 North, Range 8 East, Summit County,
Utah as a Class II enhanced recovery gas injection well.

The proposed operating data for the well is as follows:

Injection Interval: Nugget Formation 13,539 to 14,144
Maximum Estimated Surface Pressure: 6100 psig
Maximum Estimated Gas Injection Rate: 70 MMSCFD

Approval of this application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 9th day of January, 1986

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 3, 1986

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-075

Administrative approval is hereby granted to use the following well as a Class II enhanced recovery gas injection well:

Anschutz Ranch East Unit #W19-08
Section 19, Township 4 North, Range 8 East,
Summit County, Utah S.L.M.

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

for D. Nielson
Dianne R. Nielson
Director

mfp
7627U

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MININGRECEIVED
FEB - 3 1986

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <u>Injection</u>		
b. TYPE OF COMPLETION:							
NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>		
2. NAME OF OPERATOR <u>AMOCO PRODUCTION COMPANY</u>							
3. ADDRESS OF OPERATOR <u>P. O. BOX 829, EVANSTON, WYOMING 82930</u>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*							
At surface <u>301' FEL 2227' FNL SENE</u>							
At top prod. interval reported below <u>581' FEL & 2528' FNL</u>							
At total depth <u>912' FEL & 2668' FNL</u> (Gyro run to 14,350')							
14. PERMIT NO.		DATE ISSUED					
<u>43-043-30272</u>		<u>6-24-85</u>					
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD			
<u>7-20-85</u>	<u>11-29-85</u>	<u>1-3-86</u>	<u>7489' KB 7467' GL</u>	<u>7467'</u>			
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
<u>14440' MD, 14205' TVD</u>	<u>14371' MD, 14136' TVD</u>		<u>→</u>	<u>0-TD</u>			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*					25. WAS DIRECTIONAL SURVEY MADE		
<u>13539' - 14144' (gross) MD</u>					<u>Yes</u>		
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORRED		
<u>LSS BHT</u> <u>DIL, GR, Sonic, FDC-CND, Cal, Dipmeter, Check Shot, Gyro</u>					<u>NO</u>		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
<u>20"</u>	<u>94#</u>	<u>267'</u>	<u>26"</u>	<u>return to surface</u>			
<u>13 3/8"</u>	<u>68#, 16#</u>	<u>5304'</u>	<u>17 1/2"</u>	<u>4650 sx A & G</u>			
<u>9 5/8"</u>	<u>53.5, 47, 101.4</u>	<u>11965'</u>	<u>12 1/4"</u>	<u>900 sx G</u>			
<u>7"</u>	<u>32#</u>	<u>14440'</u>	<u>8 1/2"</u>	<u>330 sx A & G</u>			
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<u>4 1/2"</u>	<u>13,483'</u>	<u>13,400'</u>
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
<u>13539'-14144'</u>							
<u>(gross) 4JSPF</u>							
33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)		
<u>12-17-85</u>	<u>Flowing</u>				<u>Shut-In</u>		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	
<u>12-17-85</u>	<u>24</u>	<u>24/64</u>	<u>→</u>	<u>1370</u>	<u>5000</u>	<u>40</u>	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
<u>1250</u>	<u>0</u>	<u>→</u>	<u>1370</u>	<u>5000</u>	<u>40</u>	<u>48</u>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY		
<u>Flared</u>							
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Vann E. Brater

TITLE

District EngineerDATE 1-31-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Nugget	13,539		Sandstone	Aspen	5268'	5256'
				Bear River	5613'	5600'
				Gannet	6907'	6892'
				Preuss	9822'	9807'
				Salt	10908'	10891'
				Twin Creek	11854'	11834'
				Nugget	13539'	13395'



Amoco Production Company

April 1, 1986

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

RECEIVED
APR 03 1986

DIVISION OF
OIL, GAS & MINING

Dear Ms Poulsen:

In reference to your letter of March 25, 1986, "Status of
Various Permitted Injection Wells".

The following wells are presently injecting:

A.R.E. W36-14, Sec. 36, ~~T4N~~, R7E, Summit County, UT

A.R.E. W29-02, Sec. 29, T4N, R7E, Summit County, UT

A.R.E. W2-10, Sec. 2, T3N, R7E, Summit County, UT

Also, the A.R.E. W19-08 has been put on injection since our
last correspondence.

Should you have further questions regarding the above wells
please contact Dan N. Poulson of this office at 307-789-1700
x 2368.

Thank you,

Louis F. Lozzie
Administrative Supervisor

/kg

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Injection

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐Other ☐

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

301' FEL & 2227' FNL SENE

At top prod. interval reported below

25' FEL & 2528' FNL

At total depth

912' FEL & 2668' FNL

@ 14,350' MD

(Gyro run to 14,350')

14. PERMIT NO.

43-043-30272

DATE ISSUED

6-24-85

15. DATE SPUDDED

7-20-85

16. DATE T.D. REACHED

11-29-85

17. DATE COMPL. (Ready to prod.)

1-3-86

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

7489' KB

7467' GL

19. ELEV. CASINGHEAD

7467'

20. TOTAL DEPTH, MD & TVD

14440' MD, 14205' TVD

21. PLUG BACK T.D., MD & TVD

14371' MD, 14136' TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

O-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

13529' - 14144' (gross) MD

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, GR, Sonic, FDC-CNL, Cal, Dipmeter, Check Shot, Gyro

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	267'	26"	return to surface	
13 3/8"	68#, 16#	5304'	17 1/2"	4650 sx A & G	
9 5/8"	53.5, 47, 101.4	11965'	12 1/4"	900 sx G	
7"	32#	14440'	8 1/2"	330 sx A & G	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					4 1/2"	13.483'	13.400'

31. PERFORATION RECORD (Interval, size and number)

13539'-13550' 13562'-13568' 13578'-13611'
 13628'-13650' 13670'-13700' 13732'-13744'
 13752'-13764' 13804'-13894' 13922'-13936'
 13962'-14002' 14018'-14078' 14102'-14144'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13539'-14144'	7 1/2% HCl 8000 gal
(gross) 4 JSPF	40 gal inhibitor
	28 gal sequesterant
	160# non-emulsifier

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-17-85		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-17-85	24	24/64	→	1370	5000	40	3650
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1250	0	→	1370	5000	40	48	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Flared

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

D. R. Adams

TITLE District Drilling Supervisor

DATE

5-19-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completions), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Nugget	13,539'		Sandstone	Aspen Bear River Gannet Preuss Salt Twin Creek Nugget	5268' 5613' 6907' 9822' 10908' 11854' 13539'		5256' 5600' 6892' 9807' 10891' 11834' 13395'

RECEIVED
MAY 22 1986

DIVISION OF
OIL, GAS & MINING



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Re: **Name change on wells being brought into the Anschutz
Ranch East Unit**

Attn: Claudia Jones

Dear Claudia:

The following is a list of all wells, East & West Lobe
(production and Injection) at Anschutz Ranch East referenced
by well name, API No. and legal description, that should
be rolled over from Amoco Production Company to Amoco Rockmount
Company upon completion and being brought into the Unit.

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SENE, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16- 06 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17- 12 16?	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043- 95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SENE, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SENE, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, Sec 30, T4N, R8E

20

Production wells (cont.)

<u>Well Name</u>	<u>API NO.</u>	<u>Legal Description</u>
W31-04	43-043-30165	NWNW, Sec 31, T ¹ 4N, R8E
W31-06	43-043-30217	SENW, Sec 31, T ¹ 4N, R8E
W31-08	43-043-30164	NWNE, Sec 31, T ¹ 4N, R8E
W31-12	43-043-30190	SWNW, Sec 31, T ¹ 4N, R8E
W32-04	43-043-30162	NWNW, Sec 32, T ¹ 4N, R8E
W36-10	43-043-30227	NESW, Sec 36, T ¹ 4N, R7E
W36-16	43-043-30157	SESE, Sec 36, T ¹ 4N, R7E

Injection wells

W01-02	43-043-30209	? NWNE, Sec 1, T3N, R7E
W02-10	43-043-30265	NWSE, Sec 2, T3N, R7E
W16-14	43-043-30096	NWSW, Sec 16, T ¹ 4N, R8E
W19-08	43-043-30272	SENE, Sec 19, T ¹ 4N, R8E
W20-08	43-043-30212 ? 30123	SWNW, Sec 20, T ¹ 4N, R8E
W20-14	43-043-30145	NWSW, Sec 20, T ¹ 4N, R8E
W29-02	43-043-30220 ? 30136	NWNE, Sec 29, T ¹ 4N, R8E
W29-12	43-043-30154	NWSW, Sec 29, T ¹ 4N, R8E
W30-02	43-043-95014 ? 30218	NWNE, Sec 30, T ¹ 4N, R8E
W30-12A	43-043-30248 ? 30230	NWSW, Sec 30, T ¹ 4N, R8E
W30-15	43-043-95012 ? 30246 ?	NWNE, Sec 30, T ¹ 4N, R8E
W36-08	43-043-30167	SENE, Sec 36, T ¹ 4N, R7E
W36-14	43-043-30255	SESW, Sec 36, T ¹ 4N, R7E

This should help to clarify your files and if any changes are necessary we will notify you of such.

If further information is needed please contact Louis F. Lozzie of this office at 307-789-1700 ext. 2226.

Thank you,



R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED
OCT 14 1988

DIVISION OF
OIL, GAS & MINING

AMDCO PRODUCTION COMPANY
COMPANY

4 N 8E 19

ANSCHUTZ RANCH EAST W1908
WELL NAME

P
WFW
W19-08

UINTA COUNTY, WYOMING
LOCATION

JOB NUMBER

410-0244

TYPE OF SURVEY

SEEKER GYRO

DATE

18-DEC-88

SURVEY BY
JON VALENZUELA

OFFICE
RM 410

EASTMAN WHIPSTOCK, INC.

RECORD OF SURVEY

FOR

* * * * *
* OPERATOR : A1000 PRODUCTION COMPANY *
* STRUCTURE : A1SCHUTZ RANCH EAST FLD *
* WELL : A1E W1908 SLIT : 11 *
* LOCATION : UENTA COUNTY, WYOMING *
* LOG NUMBER : 410-C244 *
* FIC : R.L. MANNING #33 *
* INCLINATION : 15.00 E *
* * * * *
* PLANE OF VERTICAL SECTION *
* DIRECTION : S 45 23 E *
* * * * *

WELL : A1E W1908 FLD EAST FLD

AMOCO PRODUCTION COMPANY
ANSCHUTZ RANCH EAST F. J.
UINTA COUNTY, WYOMING

SLOT : 14
WELL : ARE W1908
PSH : S 45 23 E

DATE RECEIVED : 18-DEC-85
OUR REF. NO. : S02488.8AM
JOB NAME :

PAGE NO. 2

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	ANGULAR COORDINATES	DOGLEG SEVERITY
0.00	0 0	N 0 0 E	0.00	0.00	0.00	0.00 N 0.00 E	0.00
100.00	0 10	N 51 37 W	100.00	100.00	-0.14	0.07 N 0.13 W	0.16
200.00	0 9	N 78 36 W	100.00	200.00	-0.41	0.17 N 0.41 W	0.05
300.00	0 5	S 37 26 E	100.00	300.00	-0.50	0.31 N 0.39 W	0.24
400.00	0 7	S 89 34 E	100.00	400.00	-0.38	0.31 N 0.23 W	0.00
500.00	0 15	S 60 57 E	100.00	500.00	-0.10	0.23 N 0.08 E	0.16
600.00	0 23	S 48 47 E	100.00	600.00	0.45	0.10 S 0.54 E	0.15
700.00	0 28	S 49 42 E	100.00	699.99	1.19	0.56 S 1.10 E	0.08
800.00	0 27	S 51 13 E	100.00	799.99	1.96	1.07 S 1.69 E	0.02
900.00	0 27	S 50 12 E	100.00	899.99	2.81	1.61 S 2.35 E	0.01
1000.00	0 29	S 49 8 E	100.00	999.98	3.62	2.14 S 2.98 E	0.05
1100.00	0 26	S 25 34 E	100.00	1099.98	4.42	2.78 S 3.47 E	0.20
1200.00	0 31	S 26 17 E	100.00	1199.98	5.21	3.53 S 3.83 E	0.08
1300.00	0 34	S 12 8 E	100.00	1299.97	6.04	4.41 S 4.14 E	0.14
1400.00	0 32	S 11 31 E	100.00	1399.97	6.84	5.35 S 4.33 E	0.03
1500.00	0 37	S 6 58 E	100.00	1499.96	7.66	6.34 S 4.50 E	0.09
1600.00	0 41	S 8 19 E	100.00	1599.96	8.55	7.46 S 4.65 E	0.08
1700.00	0 43	S 0 9 E	100.00	1699.95	9.48	8.70 S 4.74 E	0.10
1800.00	0 41	S 27 49 W	100.00	1799.94	10.10	9.86 S 4.45 E	0.34
1900.00	0 46	S 34 27 W	100.00	1899.93	10.39	10.95 S 3.79 E	0.13
2000.00	0 50	S 34 57 W	100.00	1999.92	10.63	12.11 S 2.99 E	0.07
2100.00	0 58	S 40 21 W	100.00	2099.91	10.82	13.35 S 2.03 E	0.15
2200.00	1 0	S 50 35 W	100.00	2199.90	10.80	14.55 S 0.81 E	0.18
2300.00	1 4	S 58 1 W	100.00	2299.88	10.49	15.61 S 0.66 W	0.15
2400.00	1 15	S 71 4 W	100.00	2399.86	9.81	16.48 S 2.48 W	0.32
2500.00	1 25	S 73 6 W	100.00	2499.83	8.73	17.20 S 4.70 W	0.18
2600.00	1 40	S 76 23 W	100.00	2599.80	7.38	17.90 S 7.30 W	0.25
2700.00	2 2	S 80 52 W	100.00	2699.74	5.58	18.54 S 10.45 W	0.40
2800.00	2 12	S 81 42 W	100.00	2799.68	3.38	19.10 S 14.10 W	0.18
2900.00	2 33	S 84 15 W	100.00	2899.59	0.80	19.61 S 18.21 W	0.36

CONTINUED ON NEXT PAGE ...



AMMO PRODUCTION COMPANY
ANSCHUTZ RANCH EAST F.
WINDA COUNTY, WYOMING

SLQ : 14
WEL : ARE W1703
PBH : S 45 23 E

DATE RECORDED : 18-DEC-85
DLS : J. : S02488.8AM
JCS : :

PAGE NO. :

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	TANGULAR ORDINATES	DOSLEG SEVERITY
3000.00	2 54	S 86 30 W	100.00	2999.48	-2.33	19.99 S 27.95 W	0.37
3100.00	3 5	S 87 49 W	100.00	3099.34	-5.32	20.25 S 28.16 W	0.19
3200.00	3 9	S 87 9 W	100.00	3199.19	-9.52	20.49 S 33.59 W	0.08
3300.00	3 23	S 89 4 W	100.00	3299.03	-13.44	20.67 S 39.28 W	0.25
3400.00	3 30	N 89 38 W	100.00	3398.85	-17.57	20.70 S 45.27 W	0.1
3500.00	3 29	S 89 24 W	100.00	3498.67	-21.77	20.71 S 51.34 W	0.06
3600.00	3 25	S 88 1 W	100.00	3598.49	-26.13	20.85 S 57.35 W	0.10
3700.00	3 58	N 89 0 W	100.00	3698.28	-30.72	20.91 S 63.79 W	0.58
3800.00	4 18	N 87 14 W	100.00	3798.02	-36.02	20.67 S 70.99 W	0.35
3900.00	4 32	N 87 37 W	100.00	3897.72	-41.73	20.32 S 78.67 W	0.24
4000.00	4 49	S 88 0 W	100.00	3997.39	-47.55	20.30 S 86.82 W	0.46
4100.00	5 15	S 86 51 W	100.00	4097.00	-53.51	20.69 S 95.59 W	0.44
4200.00	6 0	S 86 21 W	100.00	4196.52	-60.07	21.27 S 105.38 W	0.76
4300.00	6 37	S 85 48 W	100.00	4295.92	-67.34	22.02 S 116.34 W	0.61
4400.00	7 9	S 84 30 W	100.00	4395.19	-75.13	23.04 S 128.28 W	0.57
4500.00	7 24	S 83 34 W	100.00	4494.39	-83.18	24.35 S 140.88 W	0.27
4600.00	7 29	S 86 16 W	100.00	4593.55	-91.55	25.50 S 153.78 W	0.36
4700.00	7 26	S 88 17 W	100.00	4692.70	-100.35	26.12 S 166.75 W	0.27
4800.00	7 26	N 88 14 W	100.00	4791.97	-109.49	26.11 S 179.58 W	0.45
4900.00	7 24	N 85 23 W	100.00	4891.03	-119.16	25.39 S 192.46 W	0.37
5000.00	7 24	N 80 48 W	100.00	4990.20	-129.36	23.84 S 205.26 W	0.59
5100.00	7 21	N 79 35 W	100.00	5089.38	-139.89	21.66 S 217.90 W	0.17
5200.00	6 24	N 70 55 W	100.00	5188.66	-150.26	18.62 S 229.46 W	1.40
5300.00	5 50	N 61 55 W	100.00	5288.09	-160.19	14.36 S 239.22 W	1.11
5400.00	5 42	N 60 44 W	100.00	5387.58	-169.87	9.53 S 248.05 W	0.17
5500.00	5 5	N 61 37 W	100.00	5487.13	-178.93	4.99 S 256.30 W	0.63
5600.00	4 54	N 63 38 W	100.00	5586.75	-187.32	0.95 S 264.09 W	0.21
5700.00	4 44	N 65 33 W	100.00	5686.39	-195.32	3.68 N 271.75 W	0.30
5800.00	4 23	N 67 5 W	100.00	5786.07	-202.75	5.88 N 279.03 W	0.38
5900.00	3 53	N 67 5 W	100.00	5885.81	-209.44	8.67 N 285.68 W	0.50

CONTINUE ON PAGE ...



AMCC PRODUCTION COMPANY
 ANSCHUTZ RANCH EAST F.D.
 UINTE COUNTY, WYOMING

SLO : 14
 WELL : ARE W1906
 PERM : S 45 23 E

DATE FILLED : 18-DEC-85
 OUR REF. NO. : S02488.8AM
 JOB NO. : 1

PAGE NO. 4

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	C O R D I N A T E S		DOGLEG SEVERITY
6000.00	3 17	N 54 36 J	100.00	5785.62	-215.29	11.22 N	291.38 W	0.61
6100.00	3 6	N 53 55 J	100.00	6085.46	-220.53	13.35 N	296.44 W	0.20
6200.00	2 53	N 47 13 J	100.00	6185.32	-225.40	15.53 N	301.23 W	0.22
6300.00	2 27	N 70 0 J	100.00	6285.21	-229.67	17.33 N	305.55 W	0.46
6400.00	2 10	N 69 42 W	100.00	6385.13	-233.33	18.71 N	309.33 W	0.1
6500.00	2 8	N 71 47 W	100.00	6485.06	-236.72	19.95 N	312.87 W	0.06
6600.00	1 57	N 77 54 W	100.00	6585.00	-239.83	20.88 N	316.32 W	0.29
6700.00	1 46	N 77 47 W	100.00	6684.93	-242.57	21.57 N	319.49 W	0.18
6800.00	1 34	N 67 45 W	100.00	6784.90	-245.15	22.43 N	322.27 W	0.36
6900.00	1 29	N 73 1 W	100.00	6884.87	-247.57	23.32 N	324.78 W	0.16
7000.00	1 6	N 72 36 W	100.00	6984.84	-249.57	23.99 N	326.94 W	0.38
7100.00	1 6	N 68 44 W	100.00	7084.83	-251.35	24.64 N	328.80 W	0.07
7200.00	0 51	N 76 8 W	100.00	7184.81	-252.86	25.15 N	330.42 W	0.28
7300.00	0 43	N 68 33 W	100.00	7284.80	-254.08	25.57 N	331.71 W	0.16
7400.00	0 40	N 55 19 W	100.00	7384.79	-255.24	26.14 N	332.78 W	0.17
7500.00	0 26	N 66 13 W	100.00	7484.79	-256.16	26.60 N	333.61 W	0.25
7600.00	0 30	N 50 45 W	100.00	7584.79	-256.94	27.02 N	334.30 W	0.14
7700.00	0 30	N 76 39 W	100.00	7684.78	-257.76	27.40 N	335.07 W	0.23
7800.00	0 24	N 60 55 W	100.00	7784.78	-258.48	27.69 N	335.80 W	0.16
7900.00	0 51	N 70 2 W	100.00	7884.77	-259.50	28.14 N	336.79 W	0.45
8000.00	0 46	N 65 19 W	100.00	7984.76	-260.79	28.67 N	338.09 W	0.10
8100.00	0 47	N 82 51 W	100.00	8084.75	-261.96	29.03 N	339.36 W	0.24
8200.00	0 48	N 62 20 W	100.00	8184.75	-263.18	29.45 N	340.68 W	0.28
8300.00	0 47	N 71 12 W	100.00	8284.74	-264.48	30.00 N	341.96 W	0.12
8400.00	0 45	N 61 26 W	100.00	8384.73	-265.71	30.52 N	343.16 W	0.14
8500.00	0 13	N 80 41 W	100.00	8484.72	-266.46	30.79 N	343.95 W	0.55
8600.00	0 4	N 36 38 E	100.00	8584.72	-266.64	30.97 N	344.02 W	0.24
8700.00	0 15	S 18 37 E	100.00	8684.72	-266.46	30.94 N	343.80 W	0.29
8800.00	0 5	S 16 28 E	100.00	8784.72	-266.20	30.66 N	343.71 W	0.16
8900.00	0 15	S 68 58 E	100.00	8884.72	-265.93	30.46 N	343.53 W	0.20

CONTINUED ON NEXT PAGE ...



WIDEB PRODUCTION COMPANY
HIS: HUTZ RANCH EAST FILL
PENNA COUNTY, HYCHING

SLOT : 14
WELL : ARE W1908
PSHL : 5 45 23 E

DATE : 11 : 18-DEC-85
OUR : 11 : 13 : SC2488.2AM
JOB : 11 : 13 : 1

PAGE NO. : 3

MEASURED DEPTH	DRAFT ANGLE D M	UR FT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	TANGULAR ORDINATES		DOGIES SEVERITY
7000.00	0 10	S 20 30 E	100.00	8984.72	-265.59	30.22 N	343.29 W	0.18
7100.00	0 6	S 64 36 W	100.00	9084.72	-265.50	30.02 N	343.37 W	0.19
7200.00	0 47	S 62 56 W	100.00	9184.72	-265.76	29.68 N	344.06 W	0.69
7300.00	0 49	S 74 41 W	100.00	9284.71	-266.33	29.15 N	345.35 W	0.16
7400.00	0 46	S 72 35 W	100.00	9384.70	-266.99	29.79 N	346.68 W	0.0
7500.00	0 53	S 70 55 W	100.00	9484.69	-267.65	29.34 N	348.04 W	0.12
7600.00	0 51	S 78 4 W	100.00	9584.68	-268.39	27.94 N	349.48 W	0.11
7700.00	1 8	S 78 10 W	100.00	9684.67	-269.34	27.59 N	351.16 W	0.28
7800.00	1 4	S 81 1 W	100.00	9784.65	-270.43	27.24 N	353.03 W	0.09
7900.00	1 23	S 88 20 W	100.00	9884.63	-271.80	27.05 N	355.15 W	0.36
10000.00	1 32	N 77 7 W	100.00	9984.59	-273.77	27.29 N	357.68 W	0.39
10100.00	1 34	N 73 35 W	100.00	10084.56	-276.10	27.97 N	360.28 W	0.10
10200.00	1 44	N 71 59 W	100.00	10184.52	-278.66	28.83 N	363.03 W	0.18
10300.00	0 52	S 45 52 E	100.00	10284.49	-278.27	27.41 N	363.88 W	2.55
10400.00	2 25	S 64 53 E	100.00	10384.45	-275.46	25.79 N	361.53 W	1.61
10500.00	3 25	S 64 45 E	100.00	10484.31	-270.67	23.63 N	356.93 W	1.00
10600.00	3 0	S 67 28 E	100.00	10584.16	-265.44	21.36 N	351.82 W	0.44
10700.00	2 35	S 67 15 E	100.00	10684.04	-260.92	19.49 N	347.33 W	0.42
10800.00	1 54	S 65 26 E	100.00	10783.96	-257.27	17.92 N	343.75 W	0.68
10900.00	1 15	S 72 31 E	100.00	10883.92	-254.75	16.93 N	341.18 W	0.69
11000.00	1 6	S 70 43 E	100.00	10983.90	-252.91	16.28 N	339.23 W	0.14
11100.00	1 30	S 68 39 E	100.00	11083.88	-250.84	15.50 N	337.11 W	0.39
11200.00	2 17	S 66 56 E	100.00	11183.82	-247.80	14.25 N	334.06 W	0.79
11300.00	3 24	S 66 37 E	100.00	11283.70	-243.15	12.28 N	329.47 W	1.16
11400.00	4 37	S 67 56 E	100.00	11383.45	-236.63	9.57 N	322.99 W	1.18
11500.00	5 37	S 67 E E	100.00	11483.05	-228.37	6.16 N	314.74 W	1.00
11600.00	6 57	S 65 59 E	100.00	11582.45	-218.17	1.81 N	304.71 W	1.34
11700.00	8 33	S 64 12 E	100.00	11681.53	-205.56	3.65 S	292.38 W	1.61
11800.00	9 50	S 64 4 E	100.00	11780.24	-190.61	10.12 S	277.77 W	1.29
11900.00	11 27	S 62 19 E	100.00	11878.52	-173.13	18.16 S	261.14 W	1.75

CONT NUBED ON III : 1 AG: ...



AMOCO PRODUCTION COMPANY
ANSCHUTZ RANCH EAST F.D.
UINTA COUNTY, WYOMING

S.O.I. : 14
WELL : ARE W1908
PBH. : S 45 23 E

DATE PRINTED : 18-DEC-85
OUR REF. NO. : S02488.8AM
JOB 441811

PAGE NO. 6

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DOUBLE SEVERITY
12000.00	11 18	S 58 50 E	100.00	11976.55	-154.10	27.35 S	243.97 U	0.70
12100.00	11 17	S 57 48 E	100.00	12074.62	-135.01	38.14 S	227.30 U	0.20
12200.00	12 53	S 58 10 E	100.00	12172.40	-114.58	49.23 S	209.55 U	1.59
12300.00	15 53	S 59 54 E	100.00	12269.25	-90.45	62.01 S	188.25 U	3.04
12400.00	19 0	S 61 13 E	100.00	12364.64	-61.52	76.75 S	162.15 U	3.17
12500.00	21 43	S 63 9 E	100.00	12458.39	-28.22	92.98 S	131.39 U	2.81
12600.00	24 39	S 62 35 E	100.00	12550.31	9.32	110.93 S	96.36 U	2.93
12700.00	27 11	S 62 54 E	100.00	12640.25	51.02	130.94 S	57.52 U	2.54
12800.00	27 25	S 62 46 E	100.00	12729.11	94.78	151.88 S	16.71 U	0.24
12900.00	27 13	S 62 3 E	100.00	12817.96	138.66	173.14 S	23.96 E	0.38
13000.00	26 59	S 62 25 E	100.00	12906.98	182.26	194.36 S	64.27 E	0.29
13100.00	26 32	S 64 11 E	100.00	12996.27	225.09	214.58 S	104.49 E	0.91
13200.00	26 19	S 64 3 E	100.00	13085.82	267.24	234.01 S	144.53 E	0.21
13300.00	26 5	S 64 2 E	100.00	13175.54	309.06	253.35 S	184.21 E	0.23
13400.00	25 31	S 63 0 E	100.00	13265.57	350.43	272.76 S	223.16 E	0.73
13500.00	25 30	S 61 11 E	100.00	13355.84	391.64	292.90 S	261.19 E	0.78
13600.00	26 5	S 61 59 E	100.00	13445.88	433.42	313.61 S	299.45 E	0.68
13700.00	26 45	S 61 54 E	100.00	13535.44	476.07	334.53 S	338.71 E	0.66
13800.00	26 55	S 62 47 E	100.00	13624.68	519.23	355.48 S	378.69 E	0.43
13900.00	26 40	S 66 10 E	100.00	13713.94	561.82	374.90 S	419.36 E	1.55
14000.00	26 26	S 66 53 E	100.00	13803.40	603.50	392.69 S	460.35 E	0.40
14100.00	26 53	S 70 21 E	100.00	13892.90	644.4E	408.95 S	501.88 E	1.55
14200.00	27 3	S 72 50 E	100.00	13982.16	684.92	423.19 S	544.66 E	1.22
14300.00	27 47	S 76 3 E	100.00	14070.93	725.1E	435.53 S	589.02 E	1.66
14350.00	28 9	S 75 31 E	50.00	14115.09	745.40	441.29 S	611.75 E	0.89

CLOSURE - DISTANCE : 754.31
DIRECTION : S 54 12 E

REPORT UNITS : Feet
SURVEY CALCULATION METHOD : Radius of curvature

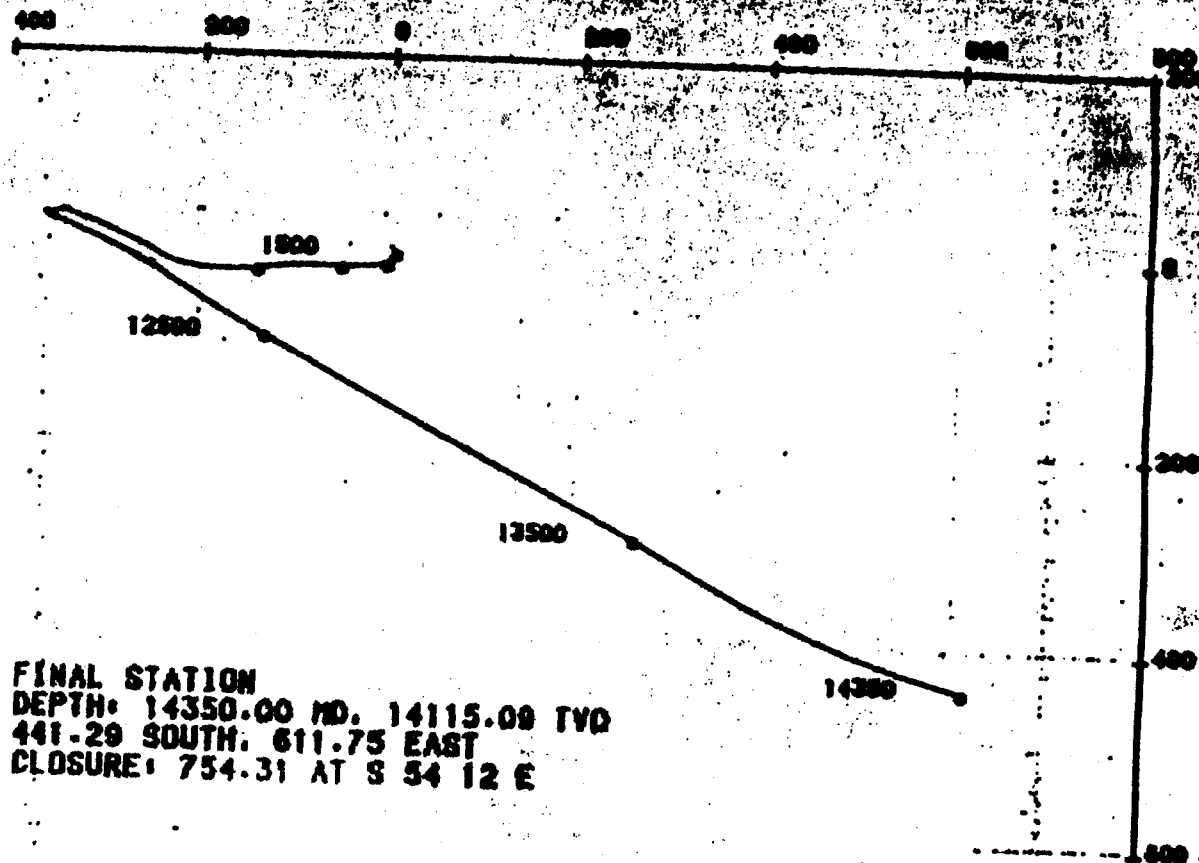


SURVEY RUN INFORMATION

=====

SEEKER: 0-5275 / 14-03-85 / RH885 A1675 / J. VALENZIELI
MANNING #32

SEEKER: 5200-14350 / 16-DEC-85 / 410-0244 / J. VALENZIELI A



FINAL STATION
 DEPTH: 14350.00 MD, 14115.00 TVD
 441.29 SOUTH, 611.75 EAST
 CLOSURE: 754.31 AT S 54 12 E

SCALE 1"=500FT.

NOTE: COORDINATES RELATIVE
 TO S&BT

AMOCO PRODUCTION COMPANY
 ANSCHUTZ RANCH EAST



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 14, 1992

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201

Gentlemen:

Re: Pressure Test for Mechanical Integrity, Class II Injection Wells in the Anschutz Ranch East Unit, Summit County, Utah

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R649-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing for the second five year period. Attached is a list of wells which need to be tested according to our records. Please make arrangements and ready the wells for testing during the week of August 10, 1992, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

Page 2
Pressure Test
July 14, 1992

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut in 24 hours prior to testing.

Please contact Mr. Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gil Hunt", with a long horizontal flourish extending to the right.

Gil Hunt
UIC Program Manager

ldc
Attachment
WOI52

55

WELLS TO BE TESTED

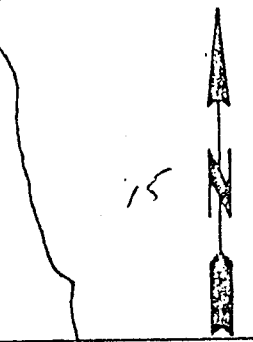
#W20-02
W29-02
W29-12
W29-14A
W02-10
W16-14
W19-08
W20-08
W20-14
W30-08
W30-14
W36-08
W31-05

TO EVANSTON

BLACK A-1

BOUNTIFULL B-1

TO WEST GATE



ISLAND RANCH D-1

GRAVEL PIT

AMSC EAST PLANT SITE

NITROGEN PLANT

ISLAND RANCH B-1

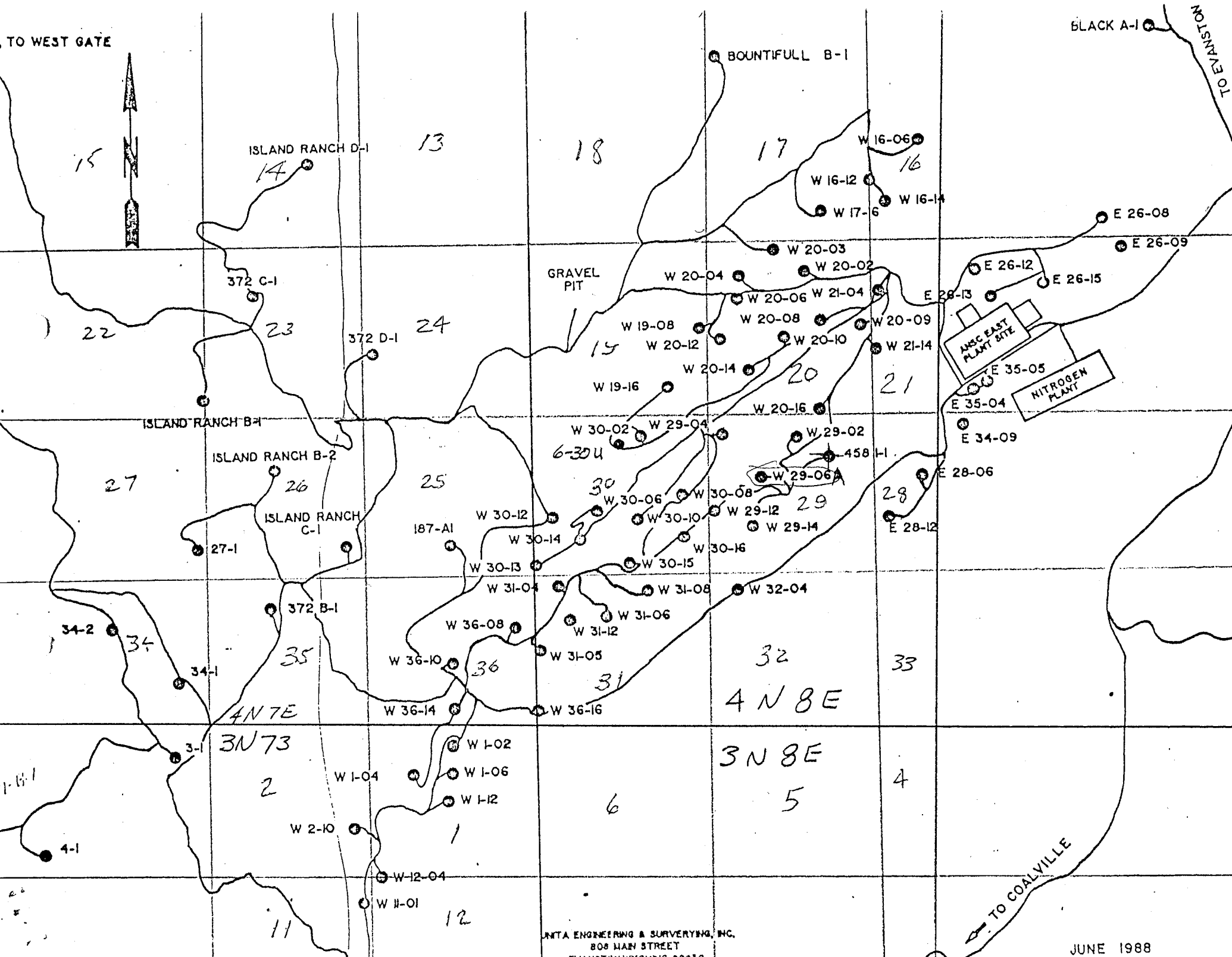
ISLAND RANCH B-2

ISLAND RANCH C-1

UNTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
EVANSTON, ILLINOIS 60120

JUNE 1988

TO COALVILLE



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INJECTION WELL - PRESSURE TEST

TEST DATE: 8-11-92 WELL OWNER/OPERATOR: Amoco Rockmont
DISPOSAL WELL: ENHANCED RECOVERY WELL: ✓ OTHER:
API NO: 43-043-30272 WELL NAME/NUMBER: AREU # W19-08
SECTION: 19 TOWNSHIP: 4N RANGE: 8E

INITIAL CONDITIONS:

TUBING - rate: pressure: 4985
CASING/TUBING ANNULUS - pressure: 725

CONDITIONS DURING TEST:

TUBING pressure: 5000 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1000 psi 15 min
annulus pressure drop during test: NO psi

CONDITIONS AFTER TEST:

TUBING pressure: 5000 psi
CASING/TUBING ANNULUS pressure: 750 psi

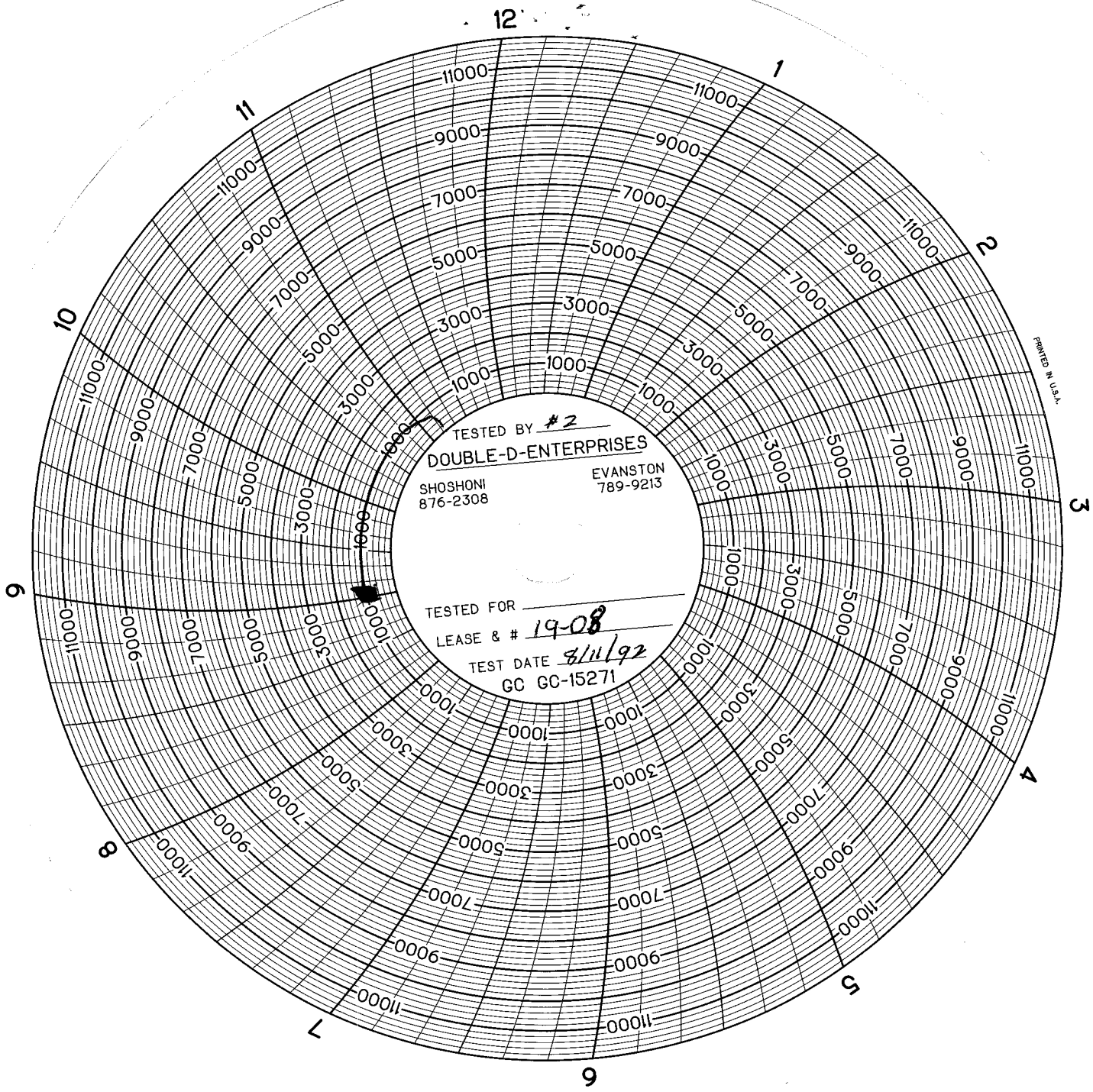
REMARKS:

Left Press. on Annulus. OK

Russell S. Grainger
OPERATOR REPRESENTATIVE

John H. Smith
DOGM WITNESS

PRINTED IN U.S.A.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

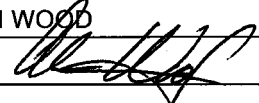
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

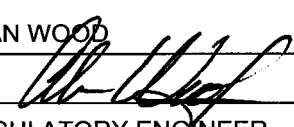
Well Name and Number ANSCHUTZ RANCH EAST W19-08		API Number 043-30272
Location of Well		Field or Unit Name Anschutz Ranch East
Footage : 2227 N 301E	County : SUMMIT	Lease Designation and Number
QQ, Section, Township, Range: SENE 19 4N 8E	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 12/31/2001


CURRENT OPERATOR

Company: AMOCO PRODUCTION COMPANY Name: ALAN WOOD
Address: 501 WESTLAKE PARK BLVD Signature: 
city HOUSTON state TX zip 77079 Title: REGULATORY ENGINEER
Phone: (281) 366-5328 Date: 12/6/2001
Comments: NAME CHANGE FROM AMOCO PRODUCTION COMPANY TO BP AMERICA PRODUCTION COMPANY

NEW OPERATOR

Company: BP AMERICA PRODUCTION COMPANY Name: ALAN WOOD
Address: 501 WESTLAKE PARK BLVD Signature: 
city HOUSTON state TX zip 77079 Title: REGULATORY ENGINEER
Phone: (281) 366-5328 Date: 12/6/2001
Comments: NAME CHANGE FROM AMOCO PRODUCTION COMPANY TO BP AMERICA PRODUCTION COMPANY

(This space for State use only)

Transfer approved by: 
Title: Tech. Supervisor

Approval Date: 12-18-01

Comments: Well is due for a mechanical integrity test, **RECEIVED**

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd, CITY Houston STATE TX ZIP 77079		7. UNIT or CA AGREEMENT NAME: See Attached
PHONE NUMBER: (281) 366-5328		8. WELL NAME and NUMBER: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See Attached</u>		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See Attached
COUNTY: <u>See Attached</u>		
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.

Also attached for the Board's file is a copy of the Board Resolution approving the name change.

NAME (PLEASE PRINT) Alan Wood TITLE Regulatory Engineer
SIGNATURE [Signature] DATE 12/11/2001

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES OF AMERICA
STATE OF TEXAS
COUNTY OF HARRIS
CITY OF HOUSTON

§
§
§
§

CERTIFICATE

M. S. Haskins, of lawful age, first being duly sworn on oath, deposes and says:

1. That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.;

2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

WHEREAS, in connection with BP America Inc.'s ("BP") integration of Atlantic Richfield Company ("ARCO") and Vastar Resources, Inc. ("Vastar"), BP has elected to reorganize, consolidate and merge its upstream onshore Lower 48 assets into a single legal entity to align BP's legal structure with its business organization and to improve operating efficiencies; and

WHEREAS, BP desires Amoco Production Company ("Company") to be such single legal entity for the purposes of such reorganization, consolidation and merger; and

WHEREAS such reorganization, consolidation and merger shall be accomplished by December 31, 2001 pursuant to a Reorganization Agreement ("Agreement") by and between ARCO and BP Company North America Inc. ("BP Company NA"), the parent of Company, resulting in ARCO's upstream onshore Lower 48 assets being transferred to Company and Vastar being merged into Company; and

WHEREAS, pursuant to such Agreement, asset, stock and liability transfers will occur in consideration for Class B common stock of BP Company NA and Company's agreement to assume all obligations and indemnify ARCO for all past and future liabilities relating to such transfers; and

WHEREAS, in connection with such reorganization, Company desires to change its name to BP America Production Company, effective December 31, 2001 with corporate seal as follows; and



WHEREAS all officers and directors of Company will remain unchanged.

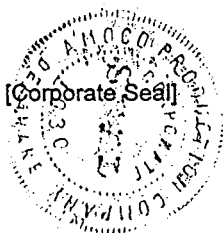
NOW, THEREFORE, BE IT,

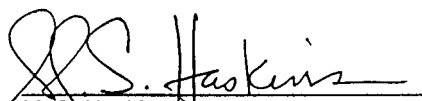
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

FURTHER RESOLVED, Company will change its name and corporate seal to BP America Production Company, effective December 31, 2001 and all officers and directors will remain unchanged.

3. That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

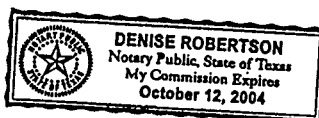
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

SUBSCRIBED and sworn to before me this 13 day of November, 2001.

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	Sec	Twp-Rng
43-043-30096-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30106-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST 34-2	SWD	Active Well	ANSCHUTZ RANCH EAST	34	4N-7E
43-043-30123-00-00	AMOCO PRODUCTION CO	ARE W20-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30129-00-00	AMOCO PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30130-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30135-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30136-00-00	AMOCO PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30138-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30139-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING C-1	SWD	Active Well	ANSCHUTZ RANCH EAST	26	4N-7E
43-043-30143-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30145-00-00	AMOCO PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30148-00-00	AMOCO PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30154-00-00	AMOCO PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30156-00-00	AMOCO PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30157-00-00	AMOCO PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30159-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30161-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING D-1	Gas Well	Shut_In	WEBER FORMATION	14	4N-7E
43-043-30162-00-00	AMOCO PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	32	4N-8E
43-043-30164-00-00	AMOCO PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30165-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-04 E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30167-00-00	AMOCO PRODUCTION CO	ARE W36-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30168-00-00	AMOCO PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	9	3N-7E
43-043-30170-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30176-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	17	4N-8E
43-043-30183-00-00	AMOCO PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30185-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30188-00-00	AMOCO PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30190-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30204-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	19	4N-8E
43-043-30209-00-00	AMOCO PRODUCTION CO	ARE W1-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30215-00-00	AMOCO PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30216-00-00	AMOCO PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30217-00-00	AMOCO PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30218-00-00	AMOCO PRODUCTION CO	ARE W30-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E

Page 2 of 6

1. GLH ✓	4-KAS
2. CDW	5-LP
3. JLT	6-FILE

X Operator Name Change

The operator of the well(s) listed below has changed, effective: **12-31-2001**

FROM: (Old Operator):	TO: (New Operator):
AMOCO PRODUCTION COMPANY	BP AMERICA PRODUCTION COMPANY
Address: 501 WESTLAKE PARK BLVD	Address: 501 WESTLAKE PARK BLVD
HOUSTON, TX 77079	HOUSTON, TX 77079
Phone: 1-(281)-366-5328	Phone: 1-(281)-366-5328
Account N0050	Account N1990

Unit:

WELL(S)

[illegible]

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/13/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/14/2001

4. Is the new operator registered in the State of Utah: YES Business Number: PENDING

5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change) for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 12/18/2001

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/14/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/14/2001

3. Bond information entered in RBDMS on: 12/11/2001

4. Fee wells attached to bond in RBDMS on: 12/18/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

INDIAN BOND VERIFICATION:

1. Indian well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 103172911249

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 12/19/2001

COMMENTS:

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File AFE W2-10
AFE W19-08

☐ Suspense

☐ Other

AFE W30-12A

(Return Date) _____

(Loc.) Sec _____ Twp _____ Rng. _____

(To-Initials) _____

(API No.) Anschutz Ranch East Unit
(3) G1W's

1. Date of Phone Call: 2-5-03 Time: 10:20

2. DOGM Employee (name) J. Cordova (☒ Initiated Call)

Talked to:

Name Gill Webb (☐ Initiated Call) - Phone No. (281) 366-4617
of (Company/Organization) BP America Prod. Co.

3. Topic of Conversation: MIT's due, intent to resume injection (SI 2/99)
or intent to PA? Request for updated info. regarding
operator's future plans.
(MIT's will be scheduled at a later date if necessary per Admin.)

4. Highlights of Conversation: _____

msg.

2-6-03 Ched Yelverton 281-366-5407

BP will file updated info. regarding the above (3) SI G1W's
He thinks BP will not be resuming EI and will
most likely plan on plugging the wells in the near
future. (this year)

From: Lisha Cordova
To: Brad Hill; Dan Jarvis; Dustin Doucet; Gil Hunt
Date: 2/6/03 9:32AM
Subject: BP America

Hi guys,

FYI.....

Yelverton
I just spoke with Chad ~~Overt~~ *Overt* with BP regarding (3) SI GIW's in the Anschutz Ranch East Unit. The wells have been SI since 2/99, the last paperwork filed by Amoco was in 1992, and MIT's are due. BP plans to send us updated info. on these wells along with info. regarding future plans.

Chad thinks that BP will not resume GI, and will most likely plug & abandon them in the near future (this year).

I will let you know when official paperwork is received or if you get it first, let me know.

Thank you!

2-7-03 Chels Lee
working on paperwork. she mentioned that BP America has put up "AFE Unit" for sale.
we discussed AFE W2-10, well sign stated potential casing problem". she will look into and call back Monday 2-10-03.
Referred her to Dustin regarding wells SI, 5 or more years.

2-19-03
Paperwork for (3) SI GIW's in progress. They will probably ask for SI extensions. Op. will still need to demonstrate mechanical integrity on the wells.

From: "Kristina Lee" <lee90@attbi.com>
To: <lishacordova@utah.gov>
Date: 2/20/03 1:59PM
Subject: BP injection wells

I looked up your email and thought I would type you a little note. This way we can correspond like this too.

Can you send me copies of these sundries and or/letters that get addressed back to the field. Sometimes they get lost and I would like to make sure these are followed up on. I put the field address on the form for legal purposes. My address is: 9070 Hoyt Street, Westminster, Colorado 80021. Even a copy by email would be great if that would be easier for you. It works well with the other agencies I work with to send original to the field and a copy for me.

Thank you for all your help. I will keep plugging along on the rest of the wells from Dustin.

Kris Lee

303-423-5749 wk

303-422-6749 fax

lee90@attbi.com

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: BP AMERICA PRODUCTION COMPANY SUITE A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1013 CHEYENNE DR. CITY EVANSTON STATE WY ZIP 82930		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
PHONE NUMBER: (303) 423-5749		8. WELL NAME and NUMBER: ARE W19-08
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2227 FNL, 301 FEL		9. API NUMBER: 4304330272
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 19 4N 8E		10. FIELD AND POOL, OR WILDCAT: ANSCHUTZ RANCH EAST
COUNTY: SUMMIT		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input checked="" type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was part of an injection operation from the mid 1980's until the late 1990's, at which point it was shut in as part of the Plan of Depletion (blowdown). Attempts were made to produce the W19-08 in 2001 with no success. The well has been shut in since and has not been plugged and abandoned due to potential for future intervention. Our plan is to hold these wells in Temporarily Abandoned status approximately two to five years until potential for uphole development is verified or eliminated. Upon elimination of potential, the wells will be plugged and abandoned. As For mechanical integrity: this well has packers installed and casing pressure is monitored by our field personnel. The wellhead valves are also on a regular PM for greasing and testing.

RECEIVED

FEB 27 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Kristina A.Lee</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u><i>Kristina A. Lee</i></u>	DATE <u>2/20/2003</u>

(This space for State use only)
This injection well had an MIT performed on August 11, 1992. In accordance with R649-3-36, good cause has been shown for an extension of shut-in time until April 1, 2008, conditioned upon the well passing the MIT scheduled for April 2003.

APPROVED BY: *D. K. Duff* March 6, 2003
Utah Division of Oil, Gas and Mining



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

March 5, 2003

Chad Yelverton
BP America Production Company
1013 Cheyenne Drive, Suite A
Evanston, Wyoming 82930

Re: Pressure Test for Mechanical Integrity, ARE W19-08 Well, Section 19, Township 4 North, Range 8 East, API No. 43-043-30272, Summit County, Utah

Dear Mr. Yelverton:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class, II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least once in every five-year period beginning in October 1982. Please make arrangements and ready the well for testing in April as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.
4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Page 2

BP America Production Company

ARE W19-08

March 5, 2003

Please contact me at (801) 538-5296 to arrange a meeting date, time, and place in April or negotiate a different date, if this one is unacceptable.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Petroleum Technician

lc

cc: Gil Hunt, Environmental Manager
BP America Production Company, Kristina A. Lee, Colorado Office
Well File

INJECTION WELL - PRESSURE TEST

Well Name:	<u>ARE W19-08</u>	API Number:	<u>43-043-30272</u>				
Qtr/Qtr:	<u>SENE</u>	Section:	<u>19</u>	Township:	<u>4N</u>	Range:	<u>8E</u>
Company Name:	<u>BP America Prod. Co.</u>						
Lease:	State	Fee	<input checked="" type="checkbox"/>	Federal		Indian	
Inspector:	<u>Y Cordova, D Jarvis</u>			Date:			

Initial Conditions:

Tubing - Rate: _____ Pressure: 1800 psiCasing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

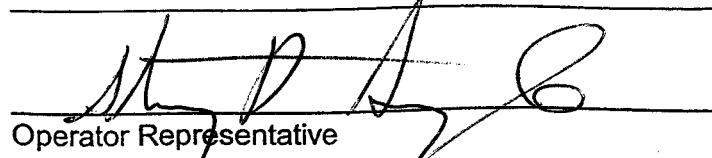
Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	_____
5	<u>↓</u>	_____
10	<u>✓</u>	_____
15	<u>1000</u>	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1800 psiCasing/Tubing Annulus Pressure: 500 psi

COMMENTS:

Double Jack Testing (wyo.)
Chart Recorder
Operator Representative

From: Lisha Cordova
To: "lee90@attbi.com".MAIL.MNET
Date: 4/2/03 9:51AM
Subject: Re: questions

Hi Kris,

I have not received a call from BP yet regarding a meeting date for witnessing the MIT's for the ARE W02-10, ARE W19-08, and ARE W30-12A, shut-in gas injection wells. Is BP planning to pre-test the wells before we come out to witness? If not, we need to witness those tests.

If a chart is run during the MIT then it would be great if you could send a copy of the chart along with a sundry in follow-up to the test. Contractors usually perform the work for the operator, then turn over the information to the operator. I have not seen reports/charts come directly from the contractor.

If no chart is run, then no follow-up is required. Division staff will be on location witnessing the test and will record the information.

Thank you for your help, I really appreciate it! If you have any other questions, please contact me.

Lisha
(801)538-5296

>>> "Kristina Lee" <lee90@attbi.com> 04/02/03 06:18AM >>>

Hi Lisha, Had a question on the injection wells that they are scheduled to do Mechanical integrity tests on soon. Do I need to file a follow up sundry with the test attached or what is the usual procedure? I didn't know if the company who did them sent them directly to you or I send them along with my sundry.

Thanks, hopefully this is not a dumb question. **Kris Lee 303-423-5749 wk303-422-6749**
faxlee90@attbi.com

* 4-3-02 Stacy Swingle (Cell 307-679-3112) BP America
MIT's scheduled for May 2003.
Two of the wells are difficult to get to due to weather conditions.

* 5-5-03 all of the wells have been pre-tested and are
ready for MIT witnessing by DOGM. (Stacy/BP America).
MIT's scheduled for 5-8-03/8:00 a.m.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: See Attached
		8. WELL NAME and NUMBER: See Attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		9. API NUMBER: Attached
2. NAME OF OPERATOR: BP America Production Company		10. FIELD AND POOL, OR WILDCAT: See Attached
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv CITY Houston STATE TX ZIP 77079		PHONE NUMBER: (281) 366-2000
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: See Attached STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to :

Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Frank N. Dign Title V.P.
Signature [Signature] Date 7/1/03

BP America Production Company
NAME (PLEASE PRINT) David G. Peterson TITLE Attorney-In-Fact
SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

RECEIVED

JUL 03 2003

DIV. OF OIL, GAS & MINING

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	686	W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1592	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2460	E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	618	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1283	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	968	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1286	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENW	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENW	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENV	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENV	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENV	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1780	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

PROPERTIES TRANSFERRED TO MERIT ENERGY

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

43-043-30273-00-00	BP AMERICA PRODUCTION CO	ARE W30-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30 SENW	2393 S	1645 W
43-043-30277-00-00	BP AMERICA PRODUCTION CO	ARE W11-1	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	11 NENE	533 N	1486 E
43-043-30279-00-00	BP AMERICA PRODUCTION CO	ARE W30-13	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	25 SESE	597 S	382 E
43-043-30280-00-00	BP AMERICA PRODUCTION CO	ARE W31-05	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31 SWNW	2361 N	282 E
43-043-30283-00-00	BP AMERICA PRODUCTION CO	ARE W12-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2 SESE	373 S	865 E
43-043-30286-00-00	BP AMERICA PRODUCTION CO	ARE W20-09	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SENE	2360 N	430 E
43-043-30291-00-00	BP AMERICA PRODUCTION CO	ARE W20-03	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SESW	641 S	1810 W

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

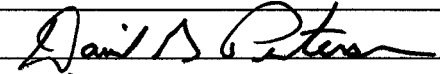
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number ANSCHUTZ RANCH EAST W19-08	API Number 043-30272
Location of Well Footage : 2227 N 301 E County : SUMMIT QQ, Section, Township, Range: SENE 19 4N 8E State : UTAH	Field or Unit Name ANSCHUTZ RANCH EAST Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 7/1/2003

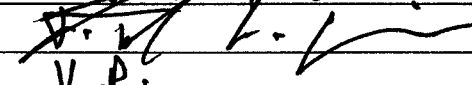
CURRENT OPERATOR

Company: BP AMERICA PRODUCTION COMPANY
Address: 501 WESTLAKE PARK BLVD
city HOUSTON state TX zip 77079
Phone: (281) 366-2000
Comments: CHANGE OF OWNERSHIP

Name: David G. Peterson
Signature: 
Title: Attorney-In-Fact
Date: 6/26/03

NEW OPERATOR

Company: MERIT ENERGY COMPANY
Address: 13727 NOEL ROAD, SUITE 500
city DALLAS state TX zip 75240
Phone: (972) 701-8377
Comments:

Name: Fred N. Dicum
Signature: 
Title: V.P.
Date: 7/1/03

(This space for State use only)

Transfer approved by:

Title:

Approval Date:

Comments:



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 26, 2003

Bruce Williams
BP America Production Company
501 WestLake Park Blvd
Houston, TX 77079

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

The Division has processed your request for an operator change from BP America Production Company to Merit Energy Company effective July 1, 2003 for the attached list of fee wells.

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: ***

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/26/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2003

3. Bond information entered in RBDMS on: 8/26/2003

4. Fee wells attached to bond in RBDMS on: 8/26/2003

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103912218

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/26/2003

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Merit Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Rd. CITY Dallas STATE TX ZIP 75240		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
PHONE NUMBER: (972) 628-1654		8. WELL NAME and NUMBER: ARE W19-08
4. LOCATION OF WELL FOOTAGES AT SURFACE: 301' FEL & 2227' FNL		9. API NUMBER: 4304330272
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 29 T4N R8E		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
COUNTY: Summit		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1/21/07-1/30/2008 MIRU, attempt to release pkr. Free pkr & POOH w/ tbg & pkr. TIH w/ bit & scraper to 14270'. TOOH w/ bit & scraper. TIH w/tbg & pkr. Set pkr @ 13487 w/ 15,000# down L/D setting. RIH w/ sandline & RU to swab. Swabbed total of 311 bbls total. RU Halliburton & acidized perfs f/13539-14144' (1480 holes w/ 12000 gals of 15% HCl w/ iron control, 180 gals HAI corrosion inhibitor, 12 gals lasurf 300m, 60 gals AS-9 anti sludge & 4000# rocksalt diverter. Flushed to bottom perfs w/ 100 bbls 4% KCl water. Max rate 2102 psi @ 6.6 BPM. Swabbed well. Pumped 55 gal SS5403 acid corrosion inhibitor then mix 55 galls w/ 120 bbls 4% KCl & pumped down tbg. Continued swabbing well back. RD swab equipment & PU releasing jt. Released Kline 10k pkr @ 13487 & let well equalize. POOH w/ tbg string inspecting on way out of hole. Hydro tested tbg to 5000 psi. banding SS injection line to outside of tbg. Land tbg @ 14,000'. RD hydrotesters, spooler & start to RD floor. SD due to winter storm 1/28/08. Dig out from severe storm. ND BOPs, NU tree, fill tbg w/ 28 bbls 4% KCl to put FL @ 9167' in tbg. RD support equipment & rig. Returned well to producing status in Gas lift operation 1/30/2008.

Date of first test:2/5/2008 of 16.45 BO, 291 Mcf & 138 BW/d.

cc: Bureau of Land Management

NAME (PLEASE PRINT) Renee Parsons	TITLE North Division Regulatory Supervisor
SIGNATURE <i>Renee Parsons</i>	DATE 3/31/2008

(This space for State use only)

RECEIVED
APR 04 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W19-08
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500, Dallas, TX, 75240		9. API NUMBER: 43043302720000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2227 FNL 0301 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 04.0N Range: 08.0E Meridian: S		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
		COUNTY: SUMMIT
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/12/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company Reactivated the ARE W19-08 on 6/12/2014.
 Well is currently producing via gas lift. 316.7-gas, .1-oil, and 2.1bbls
 water on 6/12/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 18, 2014

NAME (PLEASE PRINT) Ross King	PHONE NUMBER 972 628-1041	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/26/2014